

HAMMOND

Scholastic New Headline World Atlas



Mapmakers for the 21st Century

ELEMENTS OF THE SOLAR SYSTEM

	Mean Distance from Sun:		Period of Revolution	Period of Rotation	Equatorial Diameter		Surface Gravity	Mass	Mean Density	Number of Satellites
	in Miles	in Kilometers	around Sun	on Axis	in Miles	in Kilometers	(Earth = 1)	(Earth = 1)	(Water = 1)	
Mercury	35,990,000	57,900,000	87.97 days	58.7 days	3,032	4,880	0.38	0.055	5.4	0
Venus	67,240,000	108,200,000	224.70 days	243.7 days†	7,521	12,104	0.91	0.815	5.2	0
Earth	93,000,000	149,700,000	365.26 days	23h 56m	7,926	12,755	1.00	1.00	5.5	1
Mars	141,610,000	227,900,000	686.98 days	24h 37m	4,221	6,794	0.38	0.107	3.9	2
Jupiter	483,675,000	778,400,000	11.86 years	9h 55m	88,846	142,984	2.36	317.8	1.3	16
Saturn	886,572,000	1,426,800,000	29.46 years	10h 30m	74,898	120,536	0.92	95.2	0.7	18
Uranus	1,783,957,000	2,871,000,000	84.01 years	17h 14m†	31,763	51,118	0.89	14.5	1.3	15
Neptune	2,795,114,000	4,498,300,000	164.79 years	16h 6m	30,778	49,532	1.13	17.1	1.6	8
Pluto	3,670,000,000	5,906,400,000	247.70 years	6.4 days†	1,413	2,274	0.07	0.002	2.1	1

† Retrograde motion

SOURCE: NASA, National Space Science Data Center

DIMENSIONS OF THE EARTH

	Area in Sq. Miles	Sq. Kilometers
Superficial area	196,939,000	510,072,000
Land surface	57,506,000	148,940,000
Water surface	139,433,000	361,132,000
	Distance in Miles	Kilometers
Equatorial circumference	24,902	40,075
Polar circumference	24,860	40,007
Equatorial diameter	7,926.4	12,756.4
Polar diameter	7,899.8	12,713.6
Equatorial radius	3,963.2	6,378.2
Polar radius	3,949.9	6,356.8
Volume of the Earth	2.6 x 10 ¹¹ cubic miles	10.84 x 10 ¹¹ cubic kilometers
Mass or weight	6.6 x 10 ²¹ short tons	6.0 x 10 ²¹ metric tons
Maximum distance from Sun	94,600,000 miles	152,000,000 kilometers
Minimum distance from Sun	91,300,000 miles	147,000,000 kilometers

OCEANS AND MAJOR SEAS

	Area in: Sq. Miles	Sq. Kms.	Greatest Depth in:	
			Feet	Meters
Pacific Ocean	63,855,000	165,384,000	36,198	11,033
Atlantic Ocean	31,744,000	82,217,000	28,374	8,648
Indian Ocean	28,417,000	73,600,000	25,344	7,725
Arctic Ocean	5,427,000	14,056,000	17,880	5,450
Caribbean Sea	970,000	2,512,300	24,720	7,535
Mediterranean Sea	969,000	2,509,700	16,896	5,150
South China Sea	895,000	2,318,000	15,000	4,600
Bering Sea	875,000	2,266,250	15,800	4,800
Gulf of Mexico	600,000	1,554,000	12,300	3,750
Sea of Okhotsk	590,000	1,528,100	11,070	3,370
East China Sea	482,000	1,248,400	9,500	2,900
Yellow Sea	480,000	1,243,200	350	107
Sea of Japan	389,000	1,007,500	12,280	3,740
Hudson Bay	317,500	822,300	846	258
North Sea	222,000	575,000	2,200	670
Black Sea	185,000	479,150	7,365	2,245
Red Sea	169,000	437,700	7,200	2,195
Baltic Sea	163,000	422,170	1,506	459

THE CONTINENTS

	Area in: Sq. Miles	Sq. Kms.	Percent of World's Land
Asia	17,128,500	44,362,815	29.5
Africa	11,707,000	30,321,130	20.2
North America	9,363,000	24,250,170	16.2
South America	6,879,725	17,818,505	11.9
Antarctica	5,405,000	14,000,000	9.4
Europe	4,057,000	10,507,630	7.0
Australia	2,967,893	7,686,850	5.1

MAJOR SHIP CANALS

	Length in: Miles	Kms.	Minimum Depth in:	
			Feet	Meters
Volga-Baltic, Russia	225	362	—	—
Baltic-White Sea, Russia	140	225	16	5
Suez, Egypt	100.76	162	42	13
Albert, Belgium	80	129	16.5	5
Moscow-Volga, Russia	80	129	18	6
Volga-Don, Russia	62	100	—	—
Göta, Sweden	54	87	10	3
Kiel (Nord-Ostsee), Germany	53.2	86	38	12
Panama Canal, Panama	50.72	82	41.6	13

LARGEST ISLANDS

	Area in: Sq. Miles	Sq. Kms.		Area in: Sq. Miles	Sq. Kms.		Area in: Sq. Miles	Sq. Kms.
Greenland	840,000	2,175,600	Iceland	39,768	103,000	Southampton, Canada	15,913	41,215
New Guinea	305,000	789,950	Mindanao, Philippines	36,537	94,631	New Britain, Papua New Guinea	14,100	36,519
Borneo	286,000	740,740	Ireland	32,589	84,406	Taiwan, China	13,836	35,835
Madagascar	226,656	587,040	Hokkaido, Japan	30,436	78,829	Kyushu, Japan	13,770	35,664
Baffin, Canada	195,928	507,454	Sakhalin, Russia	29,500	76,405	Hainan, China	13,127	33,999
Sumatra, Indonesia	164,000	424,760	Hispaniola, Haiti & Dom. Rep.	29,399	76,143	Prince of Wales, Canada	12,872	33,338
Honshu, Japan	88,000	227,920	Banks, Canada	27,038	70,028	Spitsbergen, Norway	12,355	31,999
Great Britain	84,400	218,896	Ceylon, Sri Lanka	25,332	65,610	Vancouver, Canada	12,079	31,285
Victoria, Canada	83,896	217,290	Tasmania, Australia	24,600	63,710	Timor, Indonesia	11,527	29,855
Ellesmere, Canada	75,767	196,236	Svalbard, Norway	23,957	62,049	Sicily, Italy	9,926	25,708
Celebes, Indonesia	72,986	189,034	Devon, Canada	21,331	55,247	Somerset, Canada	9,570	24,786
South I., New Zealand	58,393	151,238	Novaya Zemlya (north isl.), Russia	18,600	48,200	Sardinia, Italy	9,301	24,090
Java, Indonesia	48,842	126,501	Marajó, Brazil	17,991	46,597	Shikoku, Japan	6,860	17,767
North I., New Zealand	44,187	114,444	Tierra del Fuego, Chile & Argentina	17,900	46,360	New Caledonia, France	6,530	16,913
Cuba	42,803	110,860	Alexander, Antarctica	16,700	43,250	Nordautlandet, Norway	6,409	16,599
Newfoundland, Canada	42,031	108,860	Axel Heiberg, Canada	16,671	43,178	Samar, Philippines	5,050	13,080
Luzon, Philippines	40,420	104,688	Melville, Canada	16,274	42,150	Negros, Philippines	4,906	12,707

HAMMOND



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Scholastic New Headline World Atlas



Mapmakers for the 21st Century

II Using This Atlas

This new atlas is created from a unique digital database, and its computer-generated maps represent a new phase in map-making technology.

HOW COMPUTER-GENERATED MAPS ARE MADE

To build a digital database capable of generating this world atlas, the latitude and longitude of every significant town, river, coastline, natural and political border, transportation network and peak elevation was researched and digitized. Hundreds of millions of data points describing every important geographic feature are organized into thousands of different map feature codes.

There are no maps in this unique system. Rather, it consists entirely of coded points, lines and polygons. To create a map, cartographers simply determine what specific information they wish to show, based upon considerations of scale, size, density and importance of different features.

New technology developed by mathematical physicist Mitchell Feigenbaum uses fractal geometry to describe and re-configure coastlines, borders and mountain ranges to fit a variety of map scales and projections. Dr. Feigenbaum has also created a computerized type placement program which allows thousands of map labels to be placed accurately in minutes. After these steps have been completed, the computer then draws the final map.

This atlas has been designed to be both easy and enjoyable to use. Familiarizing yourself with its organization will help you to benefit fully from its use.



MAP PROJECTIONS

A brief introduction to the ways cartographers convert the features of our round earth onto a flat map surface. This section contains general map principles and terms, and selected projections, including the new Hammond Optimal Conformal.

WORLD FLAGS AND REFERENCE GUIDE

This colorful section portrays each nation of the world, its flag, important geographical data, such as size, population and capital, and its location in the following Maps of the World section.

MAPS OF THE WORLD

Following a political map of the world, detailed regional maps are arranged by

continent. Individual colors for each country highlight political divisions. A country's color remains the same on all maps. The maps also provide considerable information by locating numerous political and physical geographic features.

Preceding each continent unit is a page of thematic maps featuring that continent's topography, population, land use and mineral resources.

INDEX

This is an A-Z listing of major features found on the political maps indicated with a page number and alpha-numeric grid square reference.

GUIDE TO DEPENDENCIES, STATES AND TERRITORIES

Selected special areas of sovereignty or

PRINCIPAL MAP ABBREVIATIONS

ADMIN.	ADMINISTRATION	Gd.	GRAND	PLAT.	PLATEAU
ARCH.	ARCHIPELAGO	Gt.	GREAT	PN	PARK NATIONAL
AUT.	AUTONOMOUS	HAR.	HARBOR	PROM.	PROMONTORY
B.	BAY	Hd.	HEAD	PROV.	PROVINCE
BK.	BROOK	HIST.	HISTORIC(AL)	PRSV.	PRESERVE
BR.	BRANCH	HTS.	HEIGHTS	PT.	POINT
C.	CAPE	I., IS.	ISLAND(S)	R.	RIVER
CAN.	CANAL	INT'L	INTERNATIONAL	RA.	RANGE
CAP.	CAPITAL	ISTH.	ISTHMUS	REC.	RECREATION(AL)
CHAN.	CHANNEL	JCT.	JUNCTION	REG.	REGION
Co.	COUNTY	L.	LAKE	REP.	REPUBLIC
CR.	CREEK	LAG.	LAGOON	RES.	RESERVOIR, RESERVATION
CTR.	CENTER	Mt.	MOUNT	SA.	SIERRA
DEPR.	DEPRESSION	MTN.	MOUNTAIN	SD.	SOUND
DEPT.	DEPARTMENT	MTS.	MOUNTAINS	So.	SOUTHERN
DES.	DESERT	NAT.	NATURAL	SPR., SPRS.	SPRING, SPRINGS
DIST.	DISTRICT	NAT'L	NATIONAL	STA.	STATION
DPCY.	DEPENDENCY	No.	NORTHERN	STM.	STREAM
EST.	ESTUARY	NP	NATIONAL PARK	STR.	STRAIT
Fd.	FIORD, FJORD	OBL.	OBLAST	TERR.	TERRITORY
FED.	FEDERAL	OCC.	OCCUPIED	TUN.	TUNNEL
FK.	FORK	PAR.	PARISH	VAL.	VALLEY
FLD.	FIELD	PASSG.	PASSAGE	VILL.	VILLAGE
Ft.	FORT	PEN.	PENINSULA	VOL.	VOLCANO
G.	GULF	Pk.	PEAK		

United Nations and/or the United States government.

Hammond also uses accepted conventional names for certain major foreign places. Usually, space permits the inclusion of the local form in parentheses. To make the maps more readily understandable to English-speaking readers, many foreign physical features are translated into more recognizable English forms.

A WORD ABOUT NAMES

Our source for all foreign names and physical names in the United States is the decision lists of the U.S. Board of Geographic Names, which contain hundreds of thousands of place names. If a place is not listed, the Atlas follows the name form appearing on official foreign maps or in official gazetteers of the country concerned. For rendering domestic city, town and village names, this atlas follows the forms and spelling of the U.S. Postal Service.

importance are presented in alphabetical order. The area, population, capital or chief town, page and index reference location is included for each entry.

WORLD STATISTICS

Tables inside both front and back covers list the dimensions of the earth's principal mountains, islands, rivers and lakes, and other useful geographic information.

MAP SCALES

A map's scale is the relationship of any length on the map to an identical length on the earth's surface. A "fractional" scale of 1:3,000,000 means that one inch on the map represents 3,000,000 inches (47 miles, 76 km.) on the earth's surface. A 1:8,000,000 scale is larger than a

1:12,000,000 scale, just as 1/8 is larger than 1/12.

Each map page or spread in this atlas is accompanied by its correct fractional scale. In addition, linear "bar scales" are shown for all political maps and insets.

BOUNDARY POLICIES

This atlas observes the boundary policies of the U.S. Department of State. Boundary disputes are customarily handled with a special symbol treatment, but de facto boundaries are favored if they seem to have any degree of permanence, in the belief that boundaries should reflect current geographic and political realities. The portrayal of independent nations in the atlas follows their recognition by the

Revised 2001 edition

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Map Projections

Simply stated, the map-maker's challenge is to project the earth's curved surface onto a flat plane.

To achieve this elusive goal, cartographers have developed map projections — equations which govern this conversion of geographic data.

GENERAL PRINCIPLES AND TERMS

The earth rotates around its axis once a day. Its end points are the North and South poles; the line circling the earth midway between the poles is the equator. The arc from the equator to either pole is divided into 90 degrees of latitude. The equator represents 0° latitude. Circles of equal latitude, called parallels, are traditionally shown at every fifth or tenth degree.

The equator is divided into 360 degrees. Lines circling the globe from pole to pole through the degree points on the equator are called meridians, or great circles. All meridians are equal in length, but by international agreement the meridian passing through the Greenwich Observatory near London has been chosen as the prime meridian or 0° longitude. The distance in degrees from the prime meridian to any point east or west is its longitude.

While meridians are all equal in length, parallels become shorter as they approach the poles. Whereas one degree of latitude represents approximately 69 miles (112 km.) anywhere on the globe, a degree of longitude varies from 69 miles (112 km.) at the equator to zero at the poles. Each degree of latitude and longitude is divided into 60 minutes. One minute of latitude equals one nautical mile (1.15 land miles or 1.85 km.).

HOW TO FLATTEN A SPHERE: THE ART OF CONTROLLING DISTORTION
There is only one way to represent a sphere with absolute precision: on a globe. All attempts to project our planet's surface onto a plane unevenly stretch or tear the sphere as it flattens, inevitably distorting shapes, distances, area (sizes appear larger or smaller than actual size), angles or direction.

Since representing a sphere on a flat plane always creates distortion, only the parallels or the meridians (or some other set of lines) can maintain the same length as on a globe of corresponding scale. All other lines must be either too long or too short. Accordingly, the scale on a flat map cannot be true everywhere; there will always be different scales in different parts of a map. On world maps or very large areas, variations in scale may be extreme. Most maps seek to preserve either true area relationships (equal area projections) or true angles and shapes (conformal projections); some attempt to achieve overall balance.

farther apart at higher latitudes to maintain a correct relationship. Only the equator is true to scale, and the size of areas in the higher latitudes is dramatically distorted.



FIGURE 1 Mercator Projection

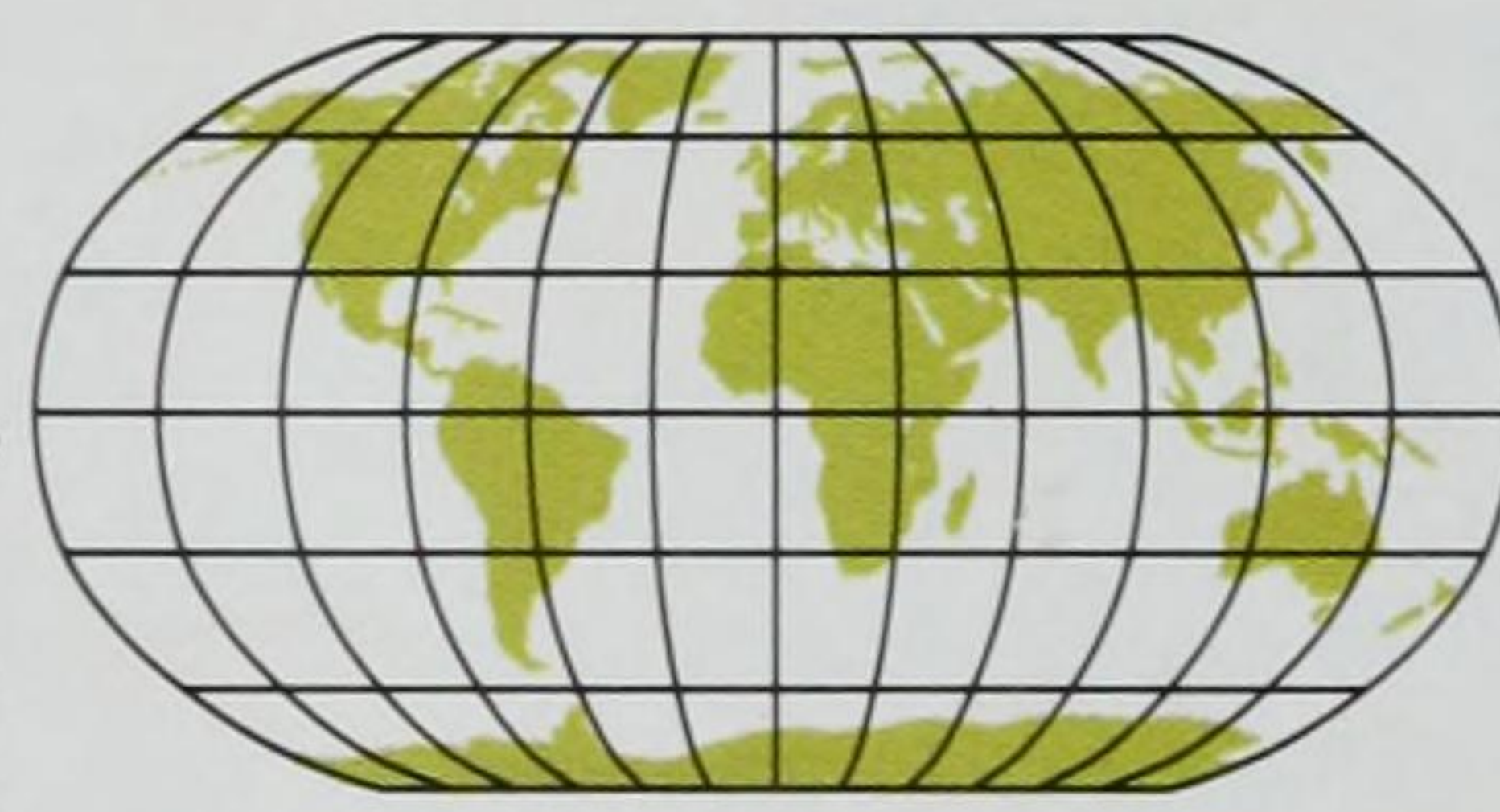


FIGURE 2 Robinson Projection

Robinson (Fig. 2): To create the two-page world map in the World Atlas section, the Robinson projection was used. It combines elements of both conformal and equal area projections to show the whole earth with relatively true shapes and reasonably equal areas.

Conic (Fig. 3): This projection has been used frequently for air navigation charts and to create most of the national and regional maps in this atlas.

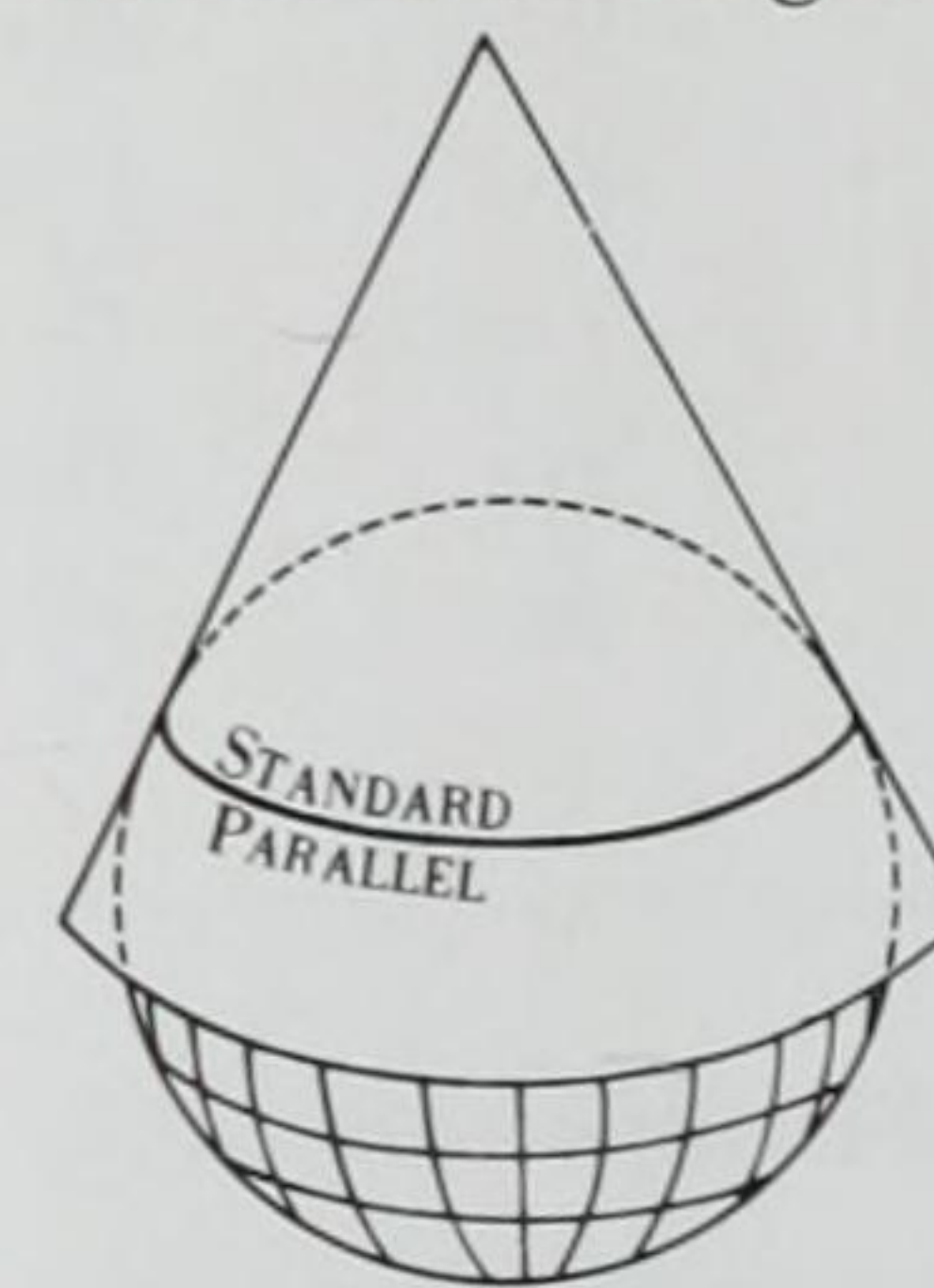


FIGURE 3 Conic Projection



FIGURE 4 Optimal Conformal Projection

PROJECTIONS:

SELECTED EXAMPLES

Mercator (Fig. 1): This projection is especially useful because all compass directions appear as straight lines, making it a valuable navigational tool. Moreover, every small region conforms to its shape on a globe —

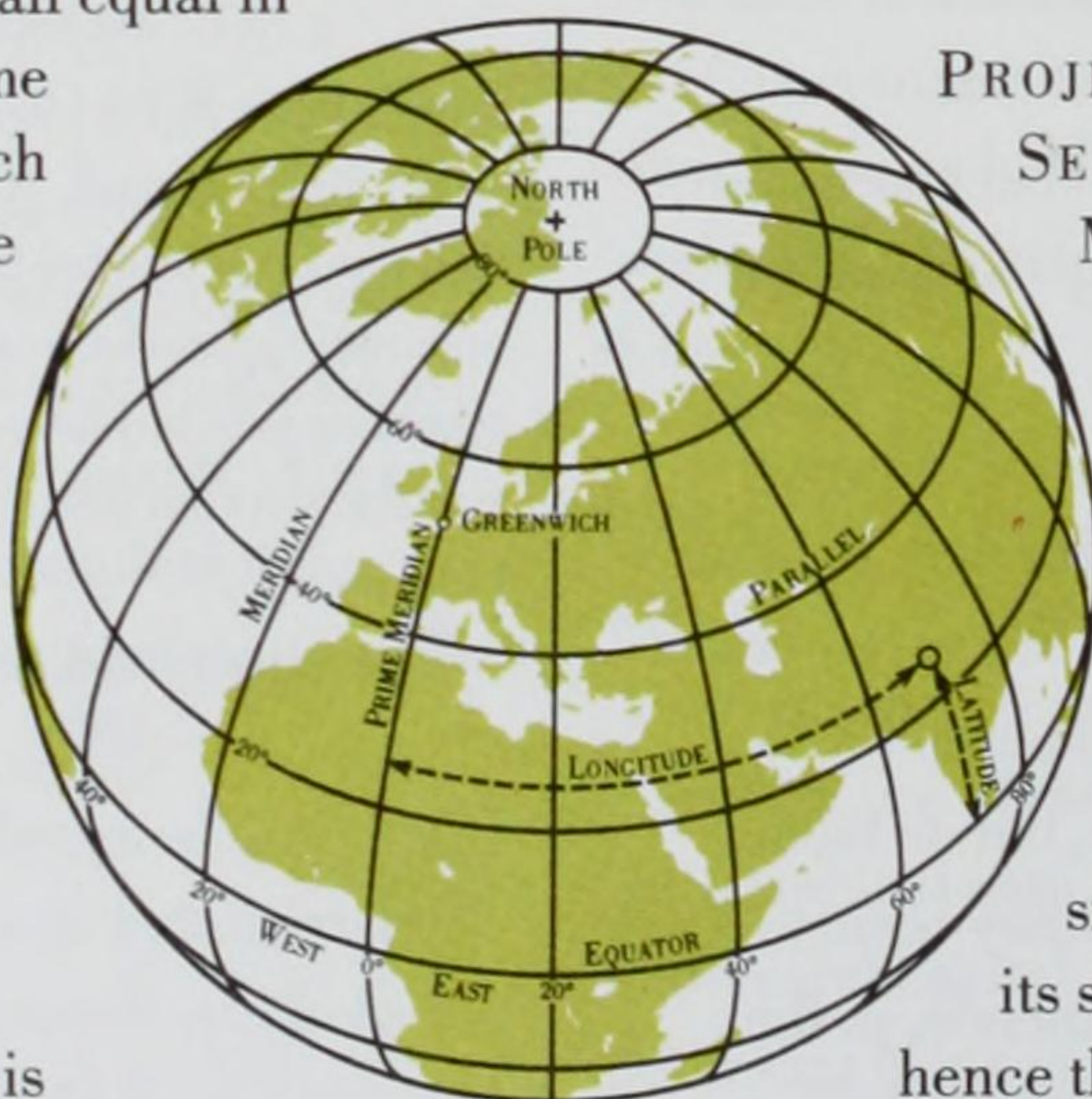
hence the name conformal. But

because its meridians are evenly-spaced vertical lines which never converge (unlike the globe), the horizontal parallels must be drawn farther and

HAMMOND OPTIMAL CONFORMAL

As its name implies, this new conformal projection (Fig. 4) presents the optimal view of an area by reducing shifts in scale over an entire region to the minimum degree possible. The concept underlying the Optimal Conformal is that for any region on the globe, there is an ideal projection for which scale variation can be made as small as possible. Consequently, unlike other projections, the Optimal Conformal does not use one standard formula to construct a map. Each map is a unique projection — the optimal projection for that particular area.

All of the single-page continent maps in this atlas, except Antarctica, have been drawn using this projection.



Hammond World Atlas

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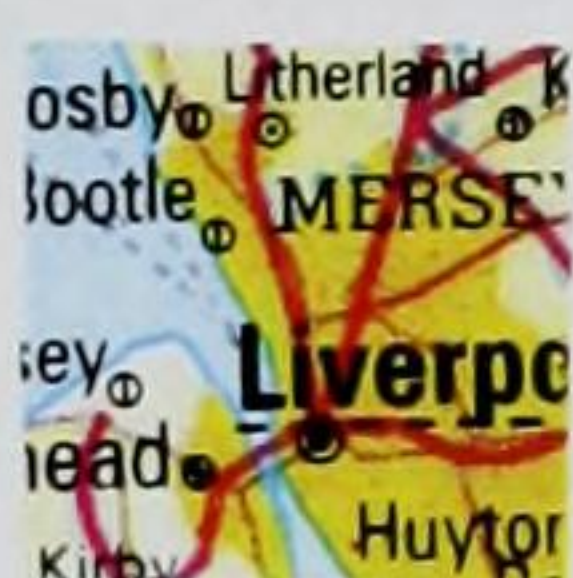
WORLD REFERENCE GUIDE



These four pages contain flags and important facts about each independent country in the world, including page reference, area, population and capital.

2-5 World Flags and Reference Guide

MAPS



Regional maps, derived from a computer database, accurately present political detail while proprietary map projections show the most distortion-free views of the continents. Numbers following each entry indicate map scale (M=million).

- 6-7 World (Robinson Projection) 1:93.2M
- 8 Europe - Topography, Population, Land Use, Mineral Resources
- 9 Europe 1:24M
- 10-11 Western and Central Europe 1:8M
- 12-13 Southern Europe 1:8M
- 14 Scandinavia and Finland; Iceland 1:8M
- 15 Eastern Europe and Turkey 1:12M
- 16-17 Russia and Neighboring Countries 1:24M
- 18 Asia - Topography, Population, Land Use, Mineral Resources
- 19 Asia 1:56M
- 20-21 Southwestern Asia 1:12M
- 22-23 Southern Asia 1:12M
- 24-25 China, Japan, Korea, Mongolia 1:16M
- 26-27 Southeastern Asia 1:12M
- 28 Australia & New Zealand Topography, Population, Land Use, Mineral Resources
- 29 Australia & New Zealand 1:22M
- 30-31 Pacific Ocean 1:36M; Philippines 1:14M
- 32 North America - Topography, Population, Land Use, Mineral Resources
- 33 North America 1:40M
- 34-35 United States 1:16M; Alaska 1:21.3M; Hawaii 1:11.3M

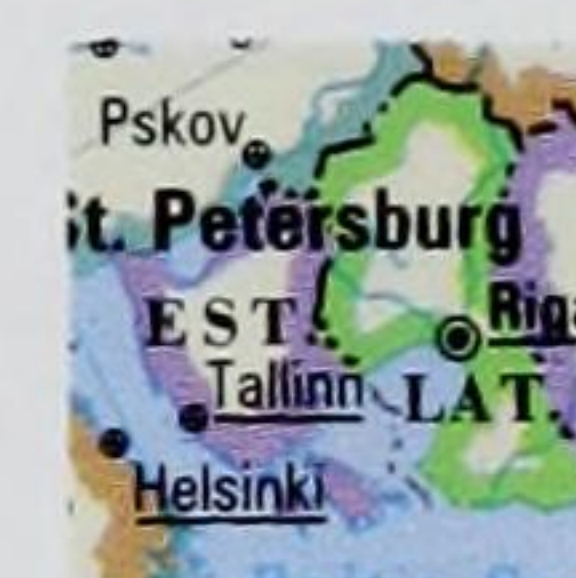
- 36 Mexico, Central America, West Indies 1:26M
- 37 Canada 1:24M
- 38 Arctic Regions 1:40M; Antarctica 1:56M
- 39 South America - Topography, Population, Land Use, Mineral Resources
- 40-41 Northern South America 1:17.3M
- 42 Southern South America 1:17.3M
- 43 Africa - Topography, Population, Land Use, Mineral Resources
- 44-45 Northern Africa 1:20M
- 46 Southern Africa 1:20M

INDEX

A 3,600-entry A to Z index lists major places and geographic features in the atlas, complete with page numbers and easy-to-use alpha-numeric references.

47-52 Index of the World

SYMBOLS USED ON MAPS



The list below defines the principal symbols used to denote line, area and point features in this atlas.

- National Boundary
- Internal Boundary
- Undefined Boundary
- National Capital
- Other Capital
- Shoreline, River
- Intermittent River
- Canal
- Lake, Reservoir
- Intermittent Lake
- Point Elevation
- Pass
- Ruins
- Dam
- Falls
- Point of Interest

World Flags and Reference Guide



Afghanistan* 21/H2
Area: 250,000 sq. mi.
647,500 sq. km.
Population: 25,824,882
Capital: Kabul



Albania* 13/H3
Area: 11,100 sq. mi.
28,749 sq. km.
Population: 3,364,571
Capital: Tiranë



Algeria* 44/F2
Area: 919,591 sq. mi.
2,381,740 sq. km.
Population: 31,133,486
Capital: Algiers



Andorra* 12/D3
Area: 174 sq. mi.
450 sq. km.
Population: 65,939
Capital: Andorra la Vella



Angola* 46/C3
Area: 481,351 sq. mi.
1,246,700 sq. km.
Population: 11,177,537
Capital: Luanda



Antigua & Barbuda* 36/F3
Area: 170 sq. mi.
440 sq. km.
Population: 64,246
Capital: St. John's



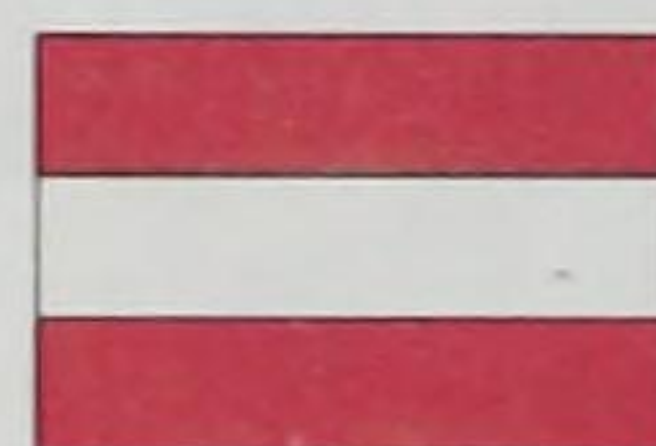
Argentina* 42/C4
Area: 1,068,296 sq. mi.
2,766,890 sq. km.
Population: 36,737,664
Capital: Buenos Aires



Armenia* 15/F5
Area: 11,506 sq. mi.
29,800 sq. km.
Population: 3,409,234
Capital: Yerevan



Australia* 29
Area: 2,967,893 sq. mi.
7,686,850 sq. km.
Population: 18,783,551
Capital: Canberra



Austria* 13/G2
Area: 32,375 sq. mi.
83,851 sq. km.
Population: 8,139,299
Capital: Vienna



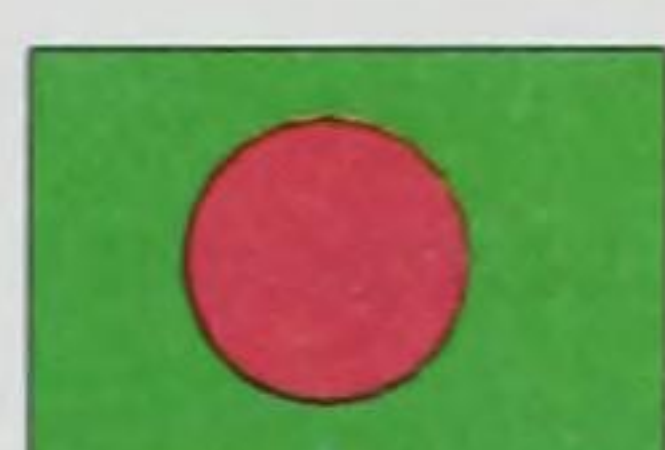
Azerbaijan* 15/G5
Area: 33,436 sq. mi.
86,600 sq. km.
Population: 7,908,224
Capital: Baku



Bahamas, The* 36/E2
Area: 5,382 sq. mi.
13,939 sq. km.
Population: 283,705
Capital: Nassau



Bahrain* 20/F3
Area: 240 sq. mi.
622 sq. km.
Population: 629,090
Capital: Manama



Bangladesh* 22/E3
Area: 55,598 sq. mi.
144,000 sq. km.
Population: 127,117,967
Capital: Dhaka



Barbados* 36/F3
Area: 166 sq. mi.
430 sq. km.
Population: 259,191
Capital: Bridgetown



Belarus* 11/L3
Area: 80,154 sq. mi.
207,600 sq. km.
Population: 10,401,784
Capital: Minsk



Belgium* 10/E4
Area: 11,780 sq. mi.
30,510 sq. km.
Population: 10,182,034
Capital: Brussels



Belize* 36/D3
Area: 8,865 sq. mi.
22,960 sq. km.
Population: 235,789
Capital: Belmopan



Benin* 44/F5
Area: 43,483 sq. mi.
112,620 sq. km.
Population: 6,305,567
Capital: Porto-Novo



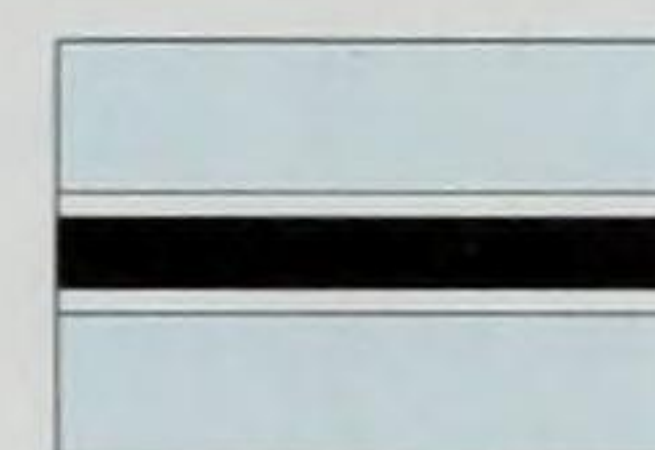
Bhutan* 22/E2
Area: 18,147 sq. mi.
47,000 sq. km.
Population: 1,951,965
Capital: Thimphu



Bolivia* 40/F7
Area: 424,163 sq. mi.
1,098,582 sq. km.
Population: 7,982,850
Capital: La Paz, Sucre



Bosnia & Herz.* 13/H2
Area: 19,781 sq. mi.
51,233 sq. km.
Population: 3,482,495
Capital: Sarajevo



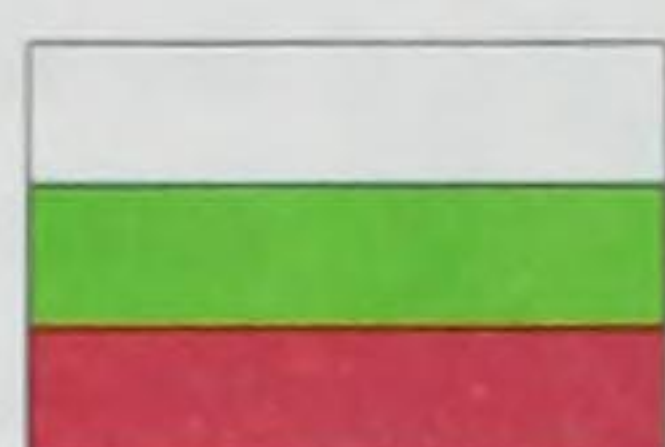
Botswana* 46/D5
Area: 231,803 sq. mi.
600,370 sq. km.
Population: 1,464,167
Capital: Gaborone



Brazil* 40/F5
Area: 3,286,470 sq. mi.
8,511,965 sq. km.
Population: 171,853,126
Capital: Brasília



Brunei* 26/D2
Area: 2,228 sq. mi.
5,770 sq. km.
Population: 322,982
Cap: Bandar Seri Begawan



Bulgaria* 13/K3
Area: 42,823 sq. mi.
110,912 sq. km.
Population: 8,194,772
Capital: Sofia



Burkina Faso* 44/E5
Area: 105,869 sq. mi.
274,200 sq. km.
Population: 11,575,898
Capital: Ouagadougou



Burundi* 46/E1
Area: 10,745 sq. mi.
27,830 sq. km.
Population: 5,735,937
Capital: Bujumbura



Cambodia* 23/H5
Area: 69,900 sq. mi.
181,040 sq. km.
Population: 11,626,520
Capital: Phnom Penh



Cameroon* 44/H7
Area: 183,568 sq. mi.
475,441 sq. km.
Population: 15,456,092
Capital: Yaoundé



Canada* 37
Area: 3,851,787 sq. mi.
9,976,139 sq. km.
Population: 31,006,347
Capital: Ottawa



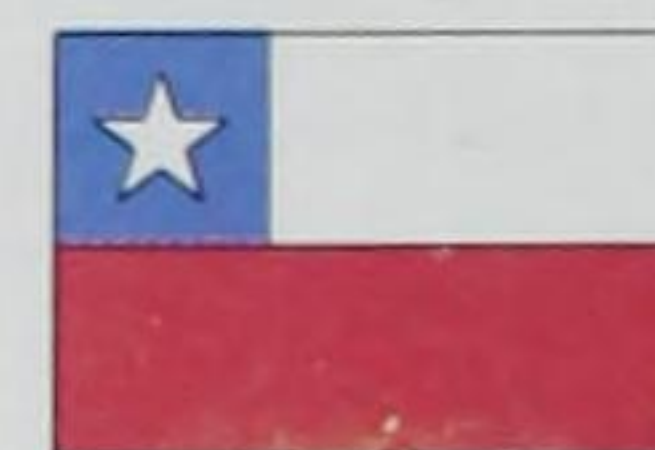
Cape Verde* 6/H5
Area: 1,556 sq. mi.
4,030 sq. km.
Population: 405,748
Capital: Praia



Central African Rep.* 45/J6
Area: 240,533 sq. mi.
622,980 sq. km.
Population: 3,444,951
Capital: Bangui



Chad* 45/J4
Area: 495,752 sq. mi.
1,283,998 sq. km.
Population: 7,557,436
Capital: N'Djamena



Chile* 42/B3
Area: 292,258 sq. mi.
756,950 sq. km.
Population: 14,973,843
Capital: Santiago



China* 24/G5
Area: 3,705,386 sq. mi.
9,596,960 sq. km.
Population: 1,246,871,951
Capital: Beijing



Colombia* 40/D3
Area: 439,733 sq. mi.
1,138,910 sq. km.
Population: 39,309,422
Capital: Bogotá



Comoros* 7/M6
Area: 838 sq. mi.
2,170 sq. km.
Population: 562,723
Capital: Moroni



Congo, D. R. of the* 46/D1
Area: 905,563 sq. mi.
2,345,410 sq. km.
Population: 50,481,305
Capital: Kinshasa



Congo, Rep. of the* 44/H8
Area: 132,046 sq. mi.
342,000 sq. km.
Population: 2,716,814
Capital: Brazzaville



Costa Rica* 36/D4
Area: 19,730 sq. mi.
51,100 sq. km.
Population: 3,674,490
Capital: San José



Côte d'Ivoire* 44/D6
Area: 124,502 sq. mi.
322,460 sq. km.
Population: 15,818,068
Capital: Yamoussoukro



Croatia* 13/G2
Area: 22,050 sq. mi.
56,538 sq. km.
Population: 4,676,865
Capital: Zagreb



Cuba* 36/E2
Area: 42,803 sq. mi.
110,860 sq. km.
Population: 11,096,395
Capital: Havana



Cyprus* 20/B1
Area: 3,571 sq. mi.
9,250 sq. km.
Population: 754,064
Capital: Nicosia



Czech Republic* 11/H4
Area: 30,387 sq. mi.
78,703 sq. km.
Population: 10,280,513
Capital: Prague



Denmark* 10/G3
Area: 16,629 sq. mi.
43,069 sq. km.
Population: 5,356,845
Capital: Copenhagen



Djibouti* 45/P5
Area: 8,494 sq. mi.
22,000 sq. km.
Population: 447,439
Capital: Djibouti

**Dominica*** 36/F3

Area: 290 sq. mi.
751 sq. km.
Population: 64,881
Capital: Roseau

**Dominican Rep.*** 36/F3

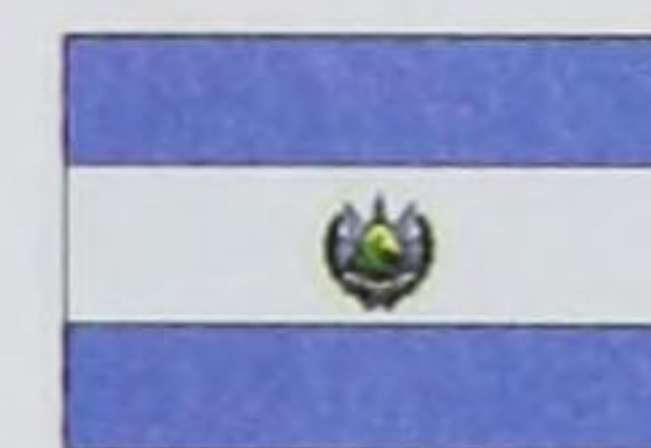
Area: 18,815 sq. mi.
48,730 sq. km.
Population: 8,129,734
Capital: Santo Domingo

**Ecuador*** 40/C4

Area: 109,483 sq. mi.
283,561 sq. km.
Population: 12,562,496
Capital: Quito

**Egypt*** 45/L2

Area: 386,659 sq. mi.
1,001,447 sq. km.
Population: 67,273,906
Capital: Cairo

**El Salvador*** 36/C3

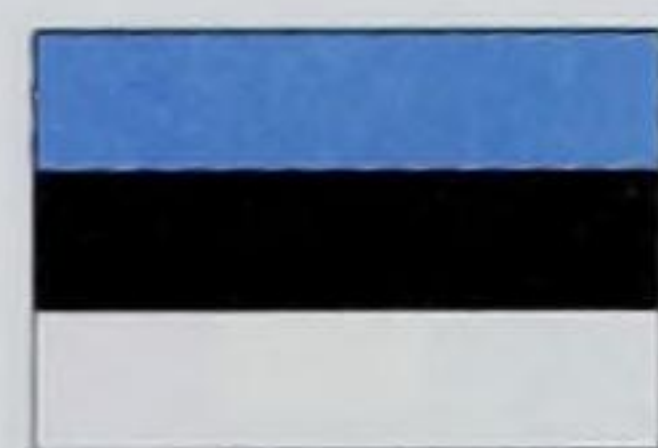
Area: 8,124 sq. mi.
21,040 sq. km.
Population: 5,839,079
Capital: San Salvador

**Equatorial Guinea*** 44/G7

Area: 10,831 sq. mi.
28,052 sq. km.
Population: 465,746
Capital: Malabo

**Eritrea*** 45/N5

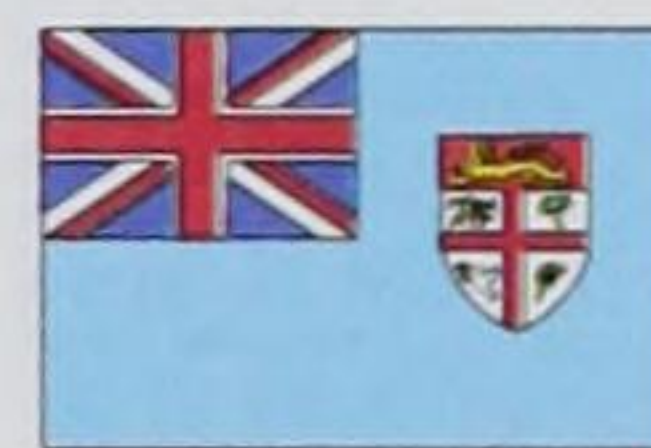
Area: 46,842 sq. mi.
121,320 sq. km.
Population: 3,984,723
Capital: Asmara

**Estonia*** 11/L2

Area: 17,413 sq. mi.
45,100 sq. km.
Population: 1,408,523
Capital: Tallinn

**Ethiopia*** 45/N5

Area: 435,184 sq. mi.
1,127,127 sq. km.
Population: 59,680,383
Capital: Addis Ababa

**Fiji*** 30/G6

Area: 7,055 sq. mi.
18,272 sq. km.
Population: 812,918
Capital: Suva

**Finland*** 14/H2

Area: 130,128 sq. mi.
337,032 sq. km.
Population: 5,158,372
Capital: Helsinki

**France*** 12/D2

Area: 211,208 sq. mi.
547,030 sq. km.
Population: 58,978,172
Capital: Paris

**Gabon*** 44/H7

Area: 103,347 sq. mi.
267,670 sq. km.
Population: 1,225,853
Capital: Libreville

**Gambia, The*** 44/B5

Area: 4,363 sq. mi.
11,300 sq. km.
Population: 1,336,320
Capital: Banjul

**Georgia*** 15/F5

Area: 26,911 sq. mi.
69,700 sq. km.
Population: 5,066,499
Capital: T'bilisi

**Germany*** 10/G4

Area: 137,803 sq. mi.
356,910 sq. km.
Population: 82,087,361
Capital: Berlin

**Ghana*** 44/E6

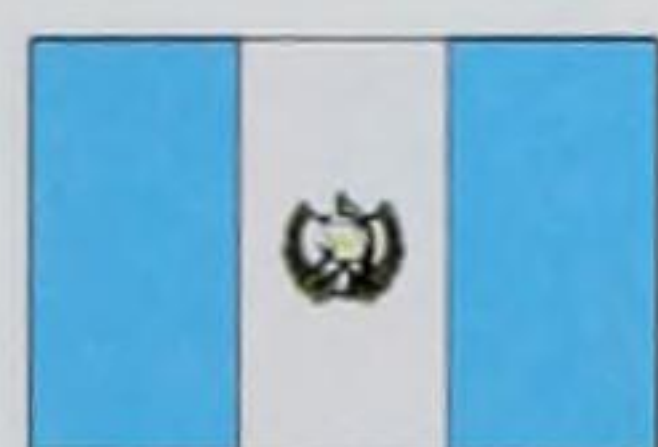
Area: 92,100 sq. mi.
238,540 sq. km.
Population: 18,887,626
Capital: Accra

**Greece*** 13/J4

Area: 50,942 sq. mi.
131,940 sq. km.
Population: 10,707,135
Capital: Athens

**Grenada*** 36/F3

Area: 131 sq. mi.
340 sq. km.
Population: 97,008
Capital: St. George's

**Guatemala*** 36/C3

Area: 42,042 sq. mi.
108,889 sq. km.
Population: 12,335,580
Capital: Guatemala

**Guinea*** 44/C5

Area: 94,927 sq. mi.
245,860 sq. km.
Population: 7,538,953
Capital: Conakry

**Guinea-Bissau*** 44/B5

Area: 13,946 sq. mi.
36,120 sq. km.
Population: 1,234,555
Capital: Bissau

**Guyana*** 40/G3

Area: 83,000 sq. mi.
214,970 sq. km.
Population: 705,156
Capital: Georgetown

**Haiti*** 36/E3

Area: 10,714 sq. mi.
27,750 sq. km.
Population: 6,884,264
Capital: Port-au-Prince

**Honduras*** 36/D3

Area: 43,277 sq. mi.
112,087 sq. km.
Population: 5,997,327
Capital: Tegucigalpa

**Hungary*** 13/H2

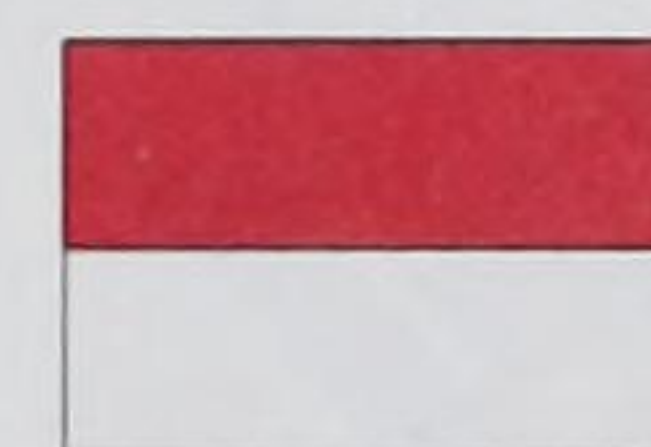
Area: 35,919 sq. mi.
93,030 sq. km.
Population: 10,186,372
Capital: Budapest

**Iceland*** 14/N7

Area: 39,768 sq. mi.
103,000 sq. km.
Population: 272,512
Capital: Reykjavik

**India*** 19/G7

Area: 1,269,339 sq. mi.
3,287,588 sq. km.
Population: 1,000,848,550
Capital: New Delhi

**Indonesia*** 27/E4

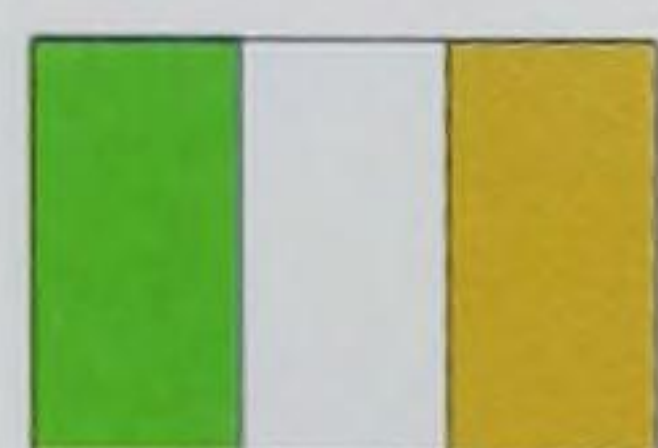
Area: 741,096 sq. mi.
1,919,440 sq. km.
Population: 216,108,345
Capital: Jakarta

**Iran*** 19/E6

Area: 636,293 sq. mi.
1,648,000 sq. km.
Population: 65,179,752
Capital: Tehran

**Iraq*** 20/D2

Area: 168,753 sq. mi.
437,072 sq. km.
Population: 22,427,150
Capital: Baghdad

**Ireland*** 10/B3

Area: 27,136 sq. mi.
70,282 sq. km.
Population: 3,632,944
Capital: Dublin

**Israel*** 20/B2

Area: 8,019 sq. mi.
20,770 sq. km.
Population: 5,749,760
Capital: Jerusalem

**Italy*** 13/F3

Area: 116,305 sq. mi.
301,230 sq. km.
Population: 56,735,130
Capital: Rome

**Jamaica*** 36/E3

Area: 4,243 sq. mi.
10,990 sq. km.
Population: 2,652,443
Capital: Kingston

**Japan*** 25/P4

Area: 145,882 sq. mi.
377,835 sq. km.
Population: 126,182,077
Capital: Tokyo

**Jordan*** 20/C2

Area: 34,445 sq. mi.
89,213 sq. km.
Population: 4,561,147
Capital: Amman

**Kazakhstan*** 16/G5

Area: 1,049,150 sq. mi.
2,717,300 sq. km.
Population: 16,824,825
Capital: Astana

**Kenya*** 45/N7

Area: 224,960 sq. mi.
582,646 sq. km.
Population: 28,808,658
Capital: Nairobi

**Kiribati*** 30/H5

Area: 277 sq. mi.
717 sq. km.
Population: 85,501
Capital: Tarawa

**Korea, North*** 25/N3

Area: 46,540 sq. mi.
120,539 sq. km.
Population: 21,386,109
Capital: P'yongyang

**Korea, South*** 25/N4

Area: 38,023 sq. mi.
98,480 sq. km.
Population: 46,884,800
Capital: Seoul

**Kuwait*** 20/E3

Area: 6,880 sq. mi.
17,820 sq. km.
Population: 1,991,115
Capital: Kuwait

**Kyrgyzstan*** 16/H5

Area: 76,641 sq. mi.
198,500 sq. km.
Population: 4,546,055
Capital: Bishkek

**Laos*** 23/H3

Area: 91,428 sq. mi.
236,800 sq. km.
Population: 5,407,453
Capital: Vientiane

**Latvia*** 11/L2

Area: 24,749 sq. mi.
64,100 sq. km.
Population: 2,353,874
Capital: Riga

**Lebanon*** 20/C2

Area: 4,015 sq. mi.
10,399 sq. km.
Population: 3,562,699
Capital: Beirut

**Lesotho*** 46/E6

Area: 11,718 sq. mi.
30,350 sq. km.
Population: 2,128,950
Capital: Maseru

Note — Page and letter-number references in blue type follow the country names. For example: **Bulgaria** 13/K3 refers to page 13, index grid square K3.

* United Nations member (Yugoslavia suspended)

World Flags and Reference Guide



Liberia* 44/D6
Area: 43,000 sq. mi.
111,370 sq. km.
Population: 2,923,725
Capital: Monrovia



Libya* 45/J2
Area: 679,358 sq. mi.
1,759,537 sq. km.
Population: 4,992,838
Capital: Tripoli



Liechtenstein* 13/F2
Area: 62 sq. mi.
160 sq. km.
Population: 32,057
Capital: Vaduz



Lithuania* 11/K3
Area: 25,174 sq. mi.
65,200 sq. km.
Population: 3,584,966
Capital: Vilnius



Luxembourg* 10/F4
Area: 999 sq. mi.
2,587 sq. km.
Population: 429,080
Capital: Luxembourg



Macedonia (F.Y.R.O.M.)* 13/J3
Area: 9,781 sq. mi.
25,333 sq. km.
Population: 2,022,604
Capital: Skopje



Madagascar* 46/K10
Area: 226,657 sq. mi.
587,041 sq. km.
Population: 14,873,387
Capital: Antananarivo



Malawi* 46/F3
Area: 45,745 sq. mi.
118,480 sq. km.
Population: 10,000,416
Capital: Lilongwe



Malaysia* 26/C2
Area: 127,316 sq. mi.
329,750 sq. km.
Population: 21,376,066
Capital: Kuala Lumpur



Maldives* 19/G9
Area: 116 sq. mi.
300 sq. km.
Population: 300,220
Capital: Male



Mali* 44/E4
Area: 478,764 sq. mi.
1,240,000 sq. km.
Population: 10,429,124
Capital: Bamako



Malta* 13/G5
Area: 124 sq. mi.
320 sq. km.
Population: 381,603
Capital: Valletta



Marshall Islands* 30/G3
Area: 70 sq. mi.
181 sq. km.
Population: 65,507
Capital: Majuro



Mauritania* 44/C4
Area: 397,953 sq. mi.
1,030,700 sq. km.
Population: 2,581,738
Capital: Nouakchott



Mauritius* 7/M7
Area: 718 sq. mi.
1,860 sq. km.
Population: 1,182,212
Capital: Port Louis



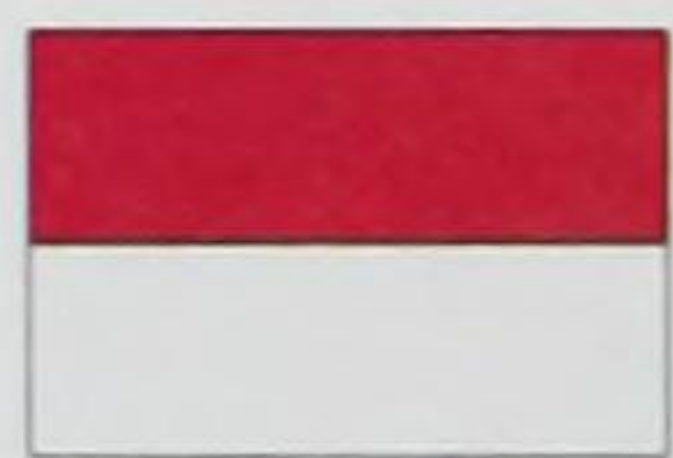
Mexico* 36/B2
Area: 761,601 sq. mi.
1,972,546 sq. km.
Population: 100,294,036
Capital: Mexico



Micronesia* 30/D4
Area: 271 sq. mi.
702 sq. km.
Population: 131,500
Capital: Palikir



Moldova* 11/L5
Area: 13,012 sq. mi.
33,700 sq. km.
Population: 4,460,838
Capital: Chişinău



Monaco* 12/E3
Area: 0.7 sq. mi.
1.9 sq. km.
Population: 32,149
Capital: Monaco



Mongolia* 24/G2
Area: 606,163 sq. mi.
1,569,962 sq. km.
Population: 2,617,379
Capital: Ulaanbaatar



Morocco* 44/C1
Area: 172,414 sq. mi.
446,550 sq. km.
Population: 29,661,636
Capital: Rabat



Mozambique* 46/G4
Area: 309,494 sq. mi.
801,590 sq. km.
Population: 19,124,335
Capital: Maputo



Myanmar (Burma)* 23/G3
Area: 261,969 sq. mi.
678,500 sq. km.
Population: 48,081,302
Capital: Yangon (Rangoon)



Namibia* 46/C5
Area: 318,694 sq. mi.
825,418 sq. km.
Population: 1,648,270
Capital: Windhoek



Nauru* 30/F5
Area: 8 sq. mi.
21 sq. km.
Population: 10,605
Capital: Yaren (district)



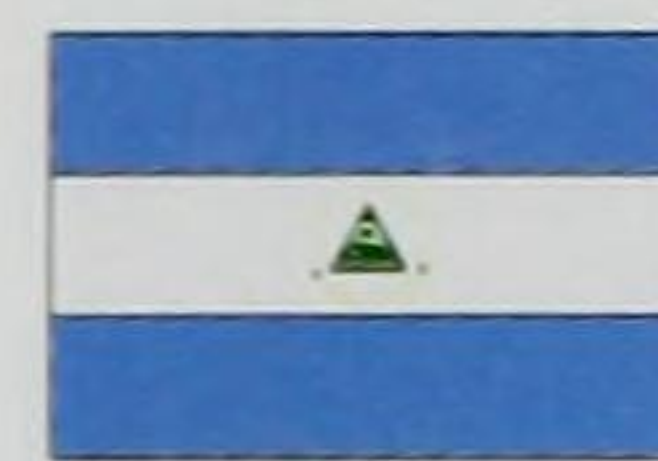
Nepal* 22/D2
Area: 54,363 sq. mi.
140,800 sq. km.
Population: 24,302,653
Capital: Kathmandu



Netherlands* 10/F3
Area: 14,413 sq. mi.
37,330 sq. km.
Population: 15,807,641
Cap: The Hague; Amsterdam



New Zealand* 29/H6
Area: 103,736 sq. mi.
268,676 sq. km.
Population: 3,662,265
Capital: Wellington



Nicaragua* 36/D3
Area: 49,998 sq. mi.
129,494 sq. km.
Population: 4,717,132
Capital: Managua



Niger* 44/G4
Area: 489,189 sq. mi.
1,267,000 sq. km.
Population: 9,962,242
Capital: Niamey



Nigeria* 44/G6
Area: 356,668 sq. mi.
923,770 sq. km.
Population: 113,828,587
Capital: Abuja



Norway* 14/C3
Area: 125,181 sq. mi.
324,220 sq. km.
Population: 4,438,547
Capital: Oslo



Oman* 21/G4
Area: 82,031 sq. mi.
212,460 sq. km.
Population: 2,446,645
Capital: Muscat



Pakistan* 21/H3
Area: 310,403 sq. mi.
803,944 sq. km.
Population: 138,123,359
Capital: Islamabad



Palau* 30/C4
Area: 177 sq. mi.
458 sq. km.
Population: 18,467
Capital: Koror



Panama* 36/D4
Area: 30,193 sq. mi.
78,200 sq. km.
Population: 2,778,526
Capital: Panamá



Papua New Guinea* 30/D5
Area: 178,259 sq. mi.
461,690 sq. km.
Population: 4,705,126
Capital: Port Moresby



Paraguay* 42/E1
Area: 157,047 sq. mi.
406,752 sq. km.
Population: 5,434,095
Capital: Asunción



Peru* 40/C5
Area: 496,223 sq. mi.
1,285,220 sq. km.
Population: 26,624,582
Capital: Lima



Philippines* 31/S10
Area: 115,830 sq. mi.
300,000 sq. km.
Population: 79,345,812
Capital: Manila



Poland* 11/J3
Area: 120,725 sq. mi.
312,678 sq. km.
Population: 38,608,929
Capital: Warsaw



Portugal* 12/A4
Area: 35,552 sq. mi.
92,080 sq. km.
Population: 9,918,040
Capital: Lisbon



Qatar* 20/F3
Area: 4,247 sq. mi.
11,000 sq. km.
Population: 723,542
Capital: Doha



Romania* 13/J2
Area: 91,699 sq. mi.
237,500 sq. km.
Population: 22,334,312
Capital: Bucharest



Russia* 16/H3
Area: 6,592,735 sq. mi.
17,075,200 sq. km.
Population: 146,393,569
Capital: Moscow



Rwanda* 46/E1
Area: 10,169 sq. mi.
26,337 sq. km.
Population: 8,154,933
Capital: Kigali



Saint Kitts & Nevis* 36/F3
Area: 104 sq. mi.
269 sq. km.
Population: 42,838
Capital: Basseterre



Saint Lucia* 36/F3
Area: 239 sq. mi.
620 sq. km.
Population: 154,020
Capital: Castries



St. Vinc. & Grens.* 36/F3
Area: 131 sq. mi.
340 sq. km.
Population: 120,519
Capital: Kingstown



Samoa* 31/H6
Area: 1,104 sq. mi.
2,860 sq. km.
Population: 229,979
Capital: Apia



San Marino* 13/G3
Area: 23.4 sq. mi.
60.6 sq. km.
Population: 25,061
Capital: San Marino



São Tomé & Prin.* 44/F7
Area: 371 sq. mi.
960 sq. km.
Population: 154,878
Capital: São Tomé



Saudi Arabia* 20/D4
Area: 756,981 sq. mi.
1,960,582 sq. km.
Population: 21,504,613
Capital: Riyadh



Senegal* 44/B5
Area: 75,749 sq. mi.
196,190 sq. km.
Population: 10,051,930
Capital: Dakar



Seychelles* 7/M6
Area: 176 sq. mi.
455 sq. km.
Population: 79,164
Capital: Victoria



Sierra Leone* 44/C6
Area: 27,699 sq. mi.
71,740 sq. km.
Population: 5,296,651
Capital: Freetown



Singapore* 26/B3
Area: 244 sq. mi.
632.6 sq. km.
Population: 3,531,600
Capital: Singapore



Slovakia* 11/J4
Area: 18,859 sq. mi.
48,845 sq. km.
Population: 5,396,193
Capital: Bratislava



Slovenia* 13/G2
Area: 7,836 sq. mi.
20,296 sq. km.
Population: 1,970,570
Capital: Ljubljana



Solomon Islands* 30/E6
Area: 10,985 sq. mi.
28,450 sq. km.
Population: 455,429
Capital: Honiara



Somalia* 45/Q6
Area: 246,200 sq. mi.
637,658 sq. km.
Population: 7,140,643
Capital: Mogadishu



South Africa* 46/D6
Area: 471,008 sq. mi.
1,219,912 sq. km.
Population: 43,426,386
Cap: Cape Town; Pretoria



Spain* 12/B3
Area: 194,884 sq. mi.
504,750 sq. km.
Population: 39,167,744
Capital: Madrid



Sri Lanka* 22/D6
Area: 25,332 sq. mi.
65,610 sq. km.
Population: 19,144,875
Capital: Colombo



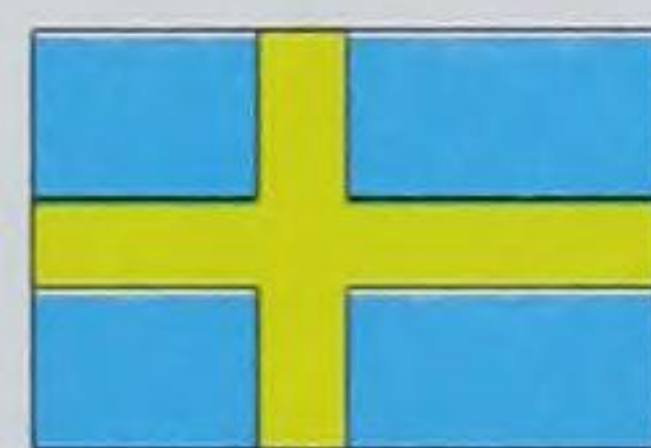
Sudan* 45/L5
Area: 967,494 sq. mi.
2,505,809 sq. km.
Population: 34,475,690
Capital: Khartoum



Suriname* 41/G3
Area: 63,039 sq. mi.
163,270 sq. km.
Population: 431,156
Capital: Paramaribo



Swaziland* 46/F6
Area: 6,703 sq. mi.
17,360 sq. km.
Population: 985,335
Cap: Mbabane; Lobamba



Sweden* 14/E3
Area: 173,731 sq. mi.
449,964 sq. km.
Population: 8,911,296
Capital: Stockholm



Switzerland 12/E2
Area: 15,943 sq. mi.
41,292 sq. km.
Population: 7,275,467
Capital: Bern



Syria* 20/C1
Area: 71,498 sq. mi.
185,180 sq. km.
Population: 17,213,871
Capital: Damascus



Taiwan 25/M7
Area: 13,892 sq. mi.
35,980 sq. km.
Population: 22,113,250
Capital: Taipei



Tajikistan* 16/H6
Area: 55,251 sq. mi.
143,100 sq. km.
Population: 6,102,854
Capital: Dushanbe



Tanzania* 46/F2
Area: 364,699 sq. mi.
945,090 sq. km.
Population: 31,270,820
Cap: Dar es Salaam



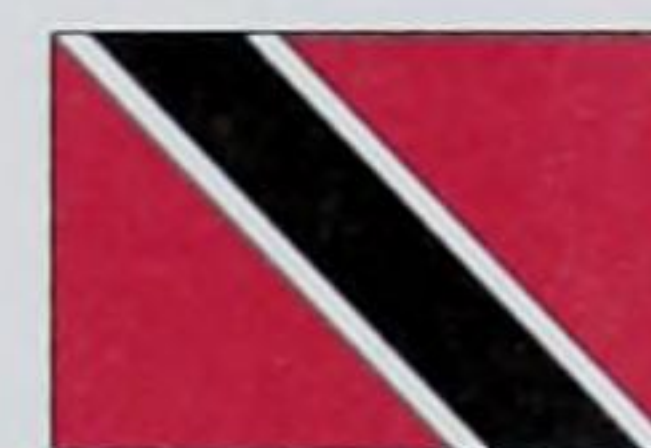
Thailand* 23/H4
Area: 198,455 sq. mi.
513,998 sq. km.
Population: 60,609,046
Capital: Bangkok



Togo* 44/F6
Area: 21,927 sq. mi.
56,790 sq. km.
Population: 5,081,413
Capital: Lomé



Tonga* 31/H7
Area: 289 sq. mi.
748 sq. km.
Population: 109,082
Capital: Nuku'alofa



Trinidad & Tobago* 40/F1
Area: 1,980 sq. mi.
5,128 sq. km.
Population: 1,102,096
Capital: Port-of-Spain



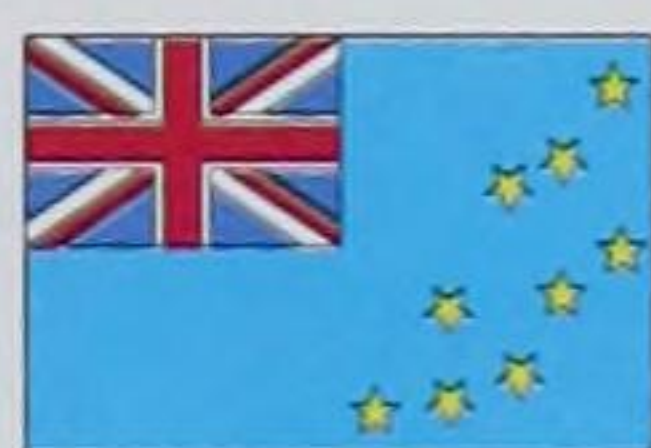
Tunisia* 44/G1
Area: 63,170 sq. mi.
163,610 sq. km.
Population: 9,513,603
Capital: Tunis



Turkey* 15/D6
Area: 301,382 sq. mi.
780,580 sq. km.
Population: 65,599,206
Capital: Ankara



Turkmenistan* 16/F6
Area: 188,455 sq. mi.
488,100 sq. km.
Population: 4,366,383
Capital: Ashgabat



Tuvalu* 30/G5
Area: 10 sq. mi.
26 sq. km.
Population: 10,588
Capital: Funafuti



Uganda* 45/M7
Area: 91,135 sq. mi.
236,040 sq. km.
Population: 22,804,973
Capital: Kampala



Ukraine* 15/C4
Area: 233,089 sq. mi.
603,700 sq. km.
Population: 49,811,174
Capital: Kiev



United Arab Em.* 20/F4
Area: 29,182 sq. mi.
75,581 sq. km.
Population: 2,344,402
Capital: Abu Dhabi



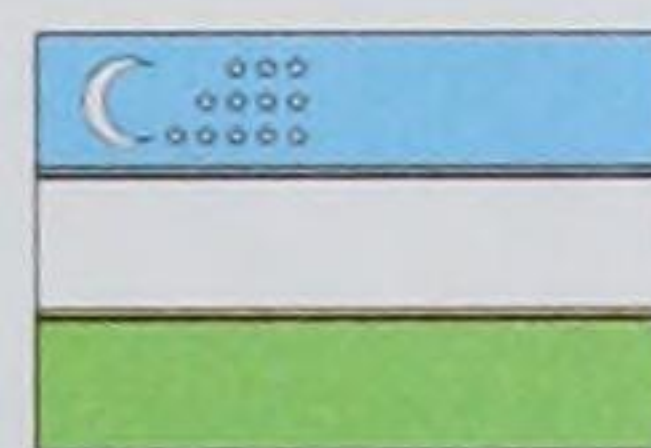
United Kingdom* 10/C3
Area: 94,525 sq. mi.
244,820 sq. km.
Population: 59,113,439
Capital: London



United States* 34
Area: 3,618,765 sq. mi.
9,372,610 sq. km.
Population: 272,639,608
Capital: Washington, D.C.



Uruguay* 42/E3
Area: 68,039 sq. mi.
176,220 sq. km.
Population: 3,308,523
Capital: Montevideo



Uzbekistan* 16/G5
Area: 172,741 sq. mi.
447,400 sq. km.
Population: 24,102,473
Capital: Tashkent



Vanuatu* 30/F6
Area: 5,699 sq. mi.
14,760 sq. km.
Population: 189,036
Capital: Port-Vila



Vatican City 13/F3
Area: 0.17 sq. mi.
0.44 sq. km.
Population: 860
Capital: —



Venezuela* 40/E2
Area: 352,143 sq. mi.
912,050 sq. km.
Population: 23,203,466
Capital: Caracas



Vietnam* 23/J5
Area: 127,243 sq. mi.
329,560 sq. km.
Population: 77,311,210
Capital: Hanoi



Yemen* 20/E5
Area: 203,849 sq. mi.
527,970 sq. km.
Population: 16,942,230
Capital: Sanaa



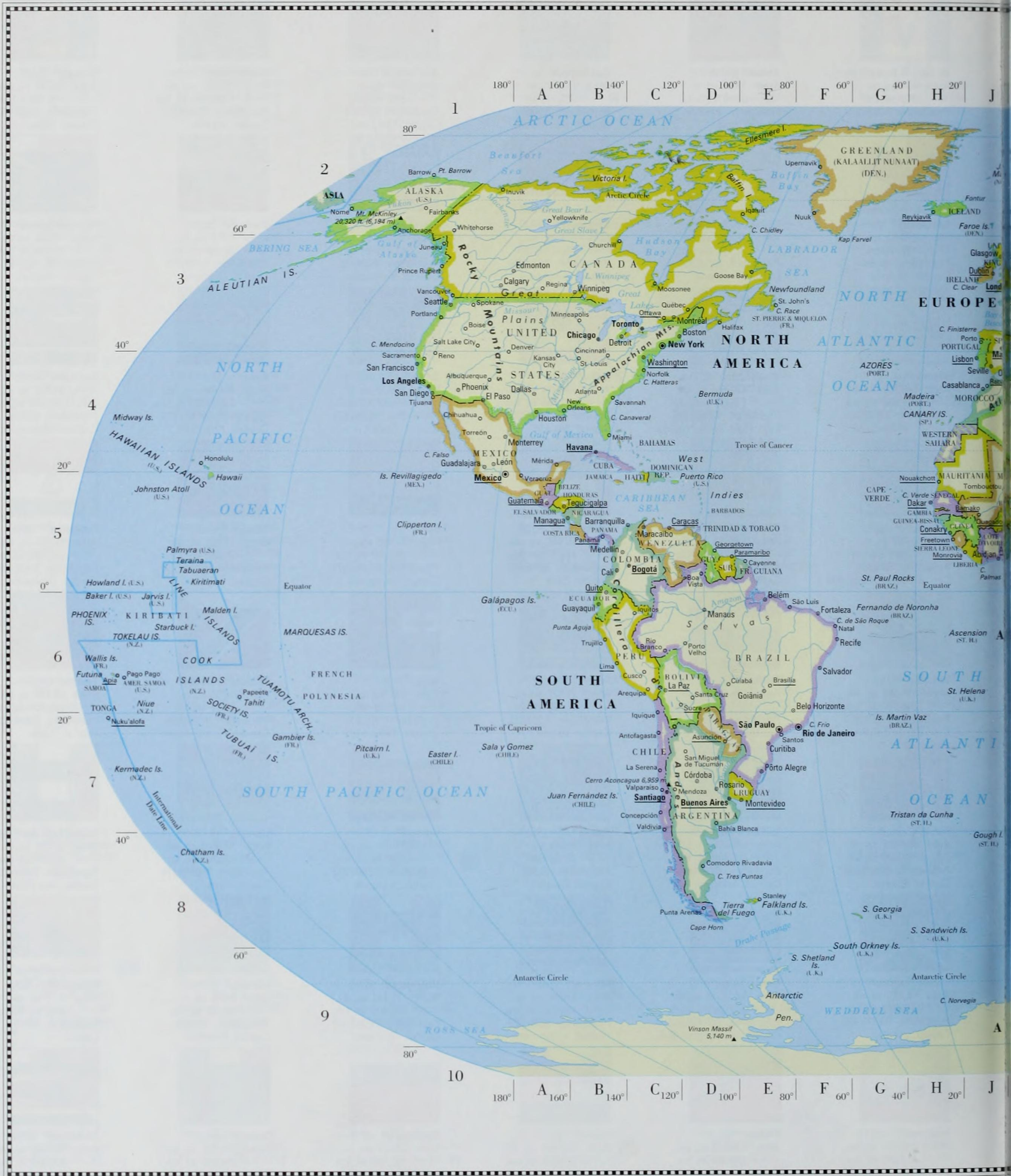
Yugoslavia* 13/J3
Area: 39,517 sq. mi.
102,350 sq. km.
Population: 11,206,847
Capital: Belgrade



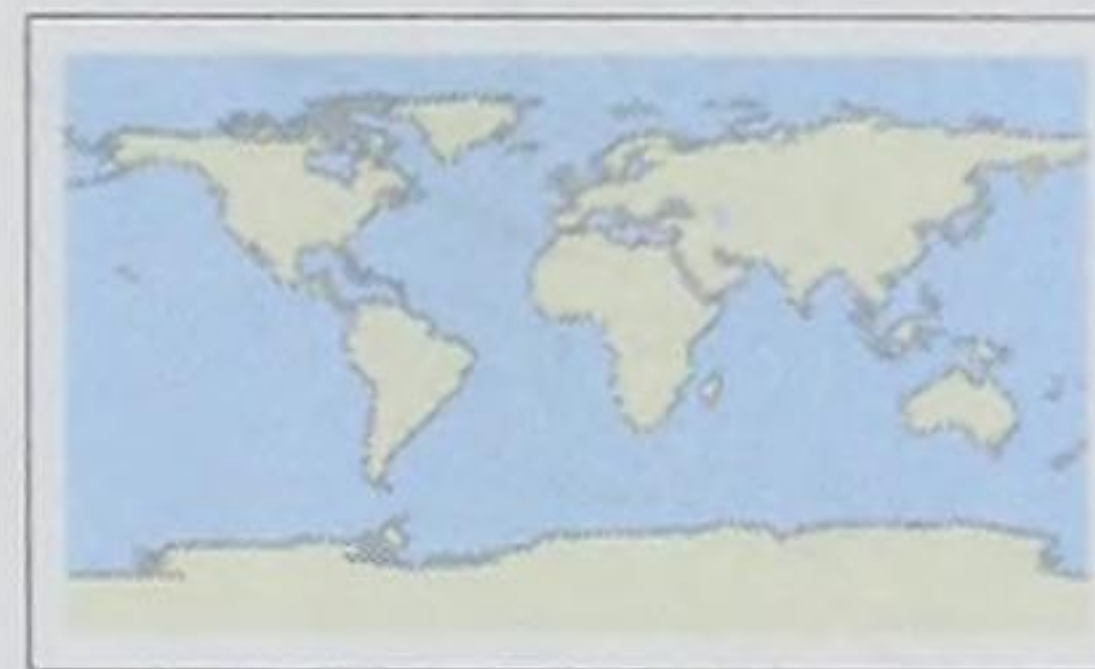
Zambia* 46/E3
Area: 290,583 sq. mi.
752,610 sq. km.
Population: 9,663,535
Capital: Lusaka



Zimbabwe* 46/E4
Area: 150,803 sq. mi.
390,580 sq. km.
Population: 11,163,160
Capital: Harare



World

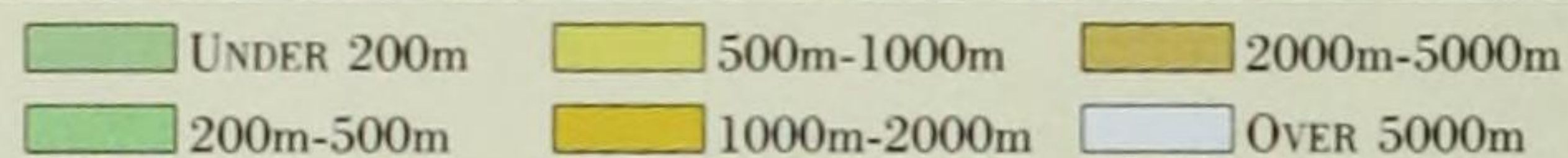




Europe - Comparisons



TOPOGRAPHY

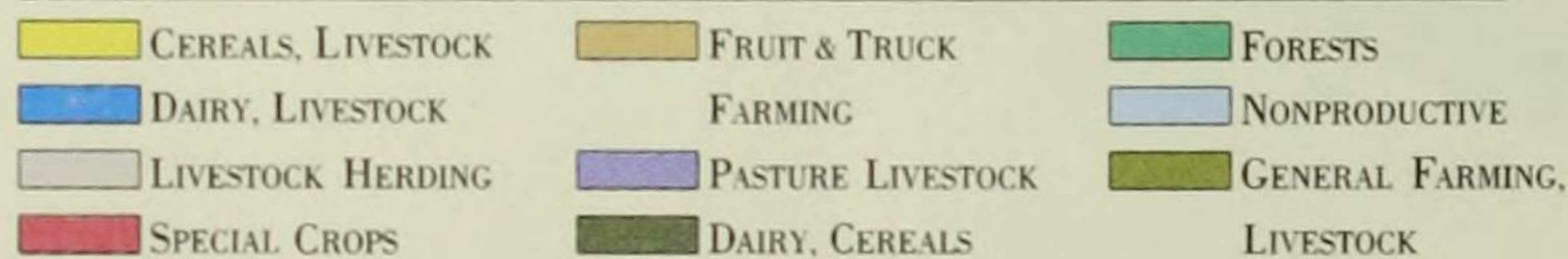


● CITIES WITH OVER 2,000,000 INHABITANTS (INCLUDING SUBURBS)

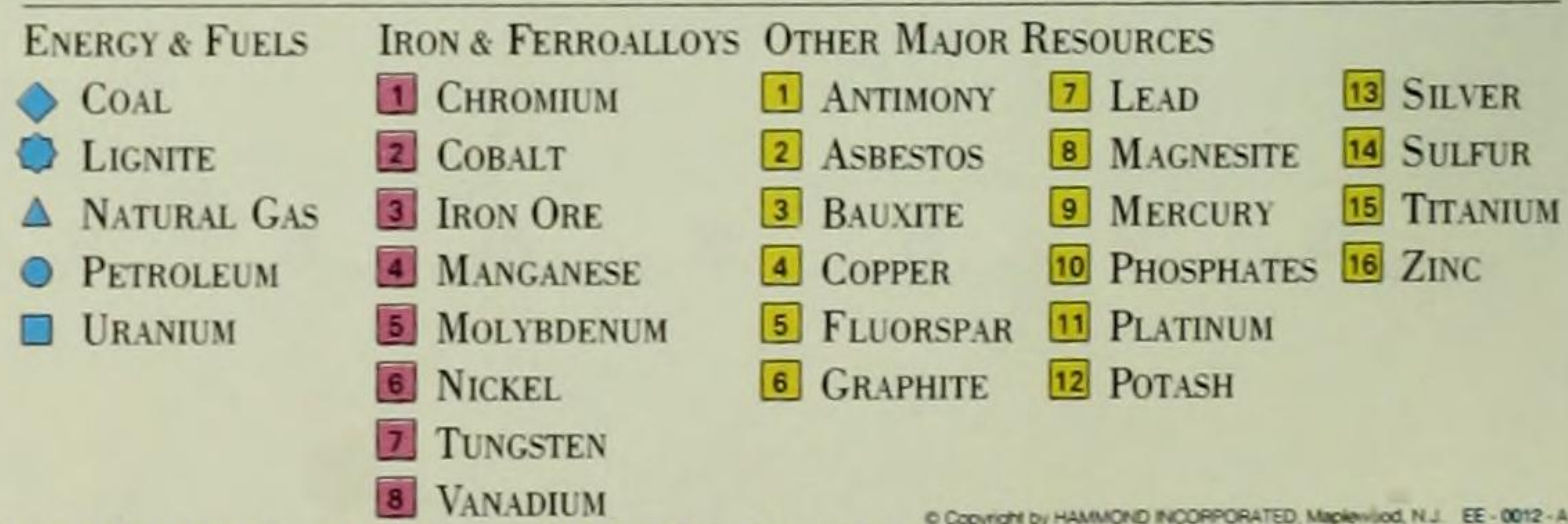
POPULATION DISTRIBUTION



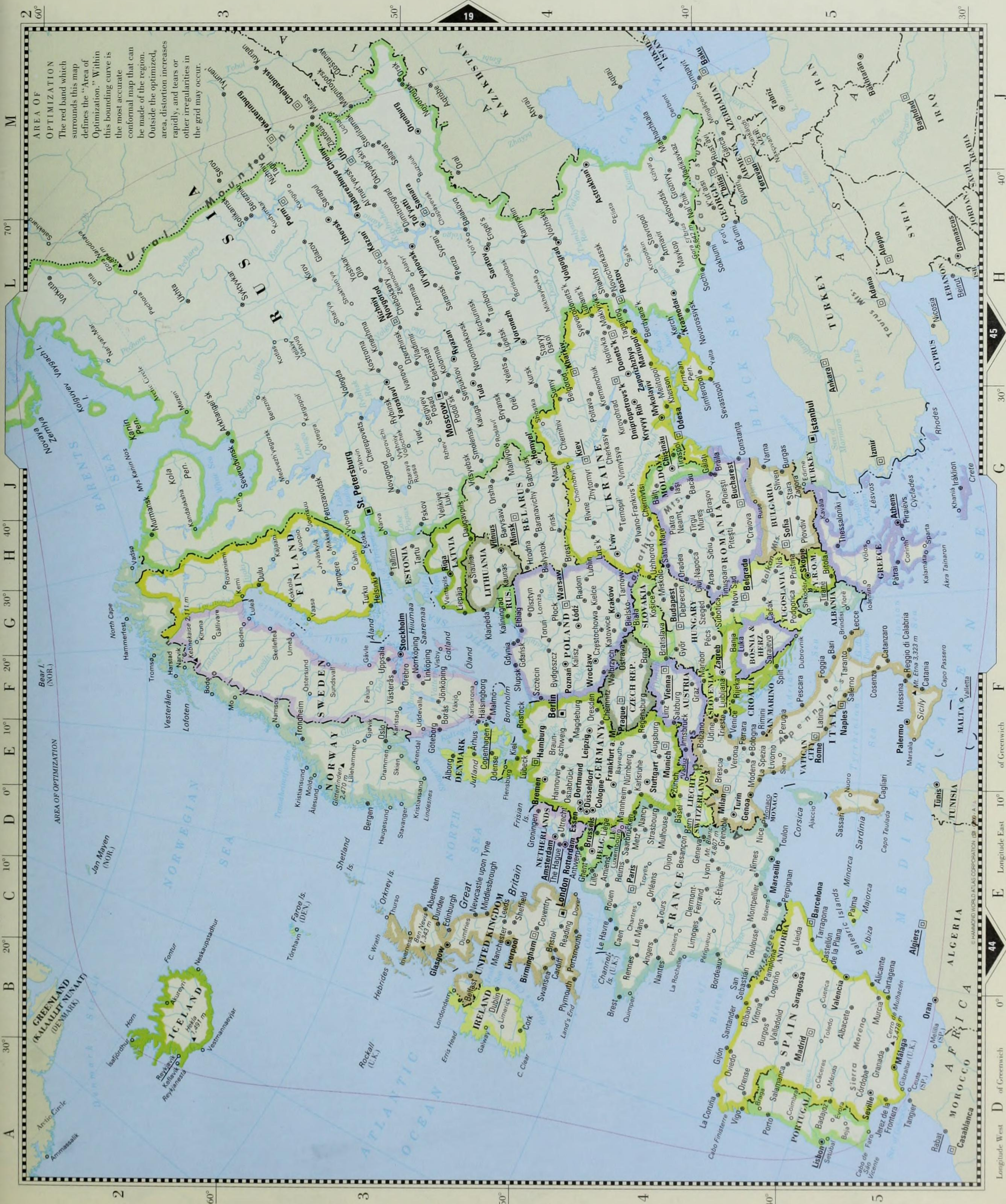
LAND USE



MINERAL RESOURCES



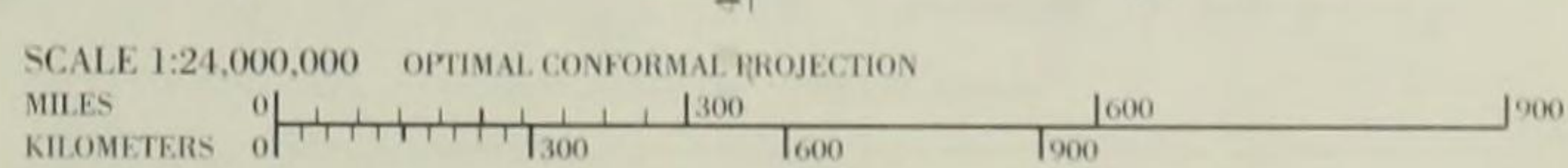
Europe



AREA OF OPTIMIZATION
The red band which surrounds this map defines the "Area of Optimization." Within this bounding curve is the most accurate conformal map that can be made of the region. Outside the optimized area, distortion increases rapidly, and tears or other irregularities in the grid may occur.

POPULATION OF CITIES AND TOWNS

OVER 3,000,000	500,000 - 999,999	UNDER 100,000
1,000,000 - 2,999,999	100,000 - 499,999	

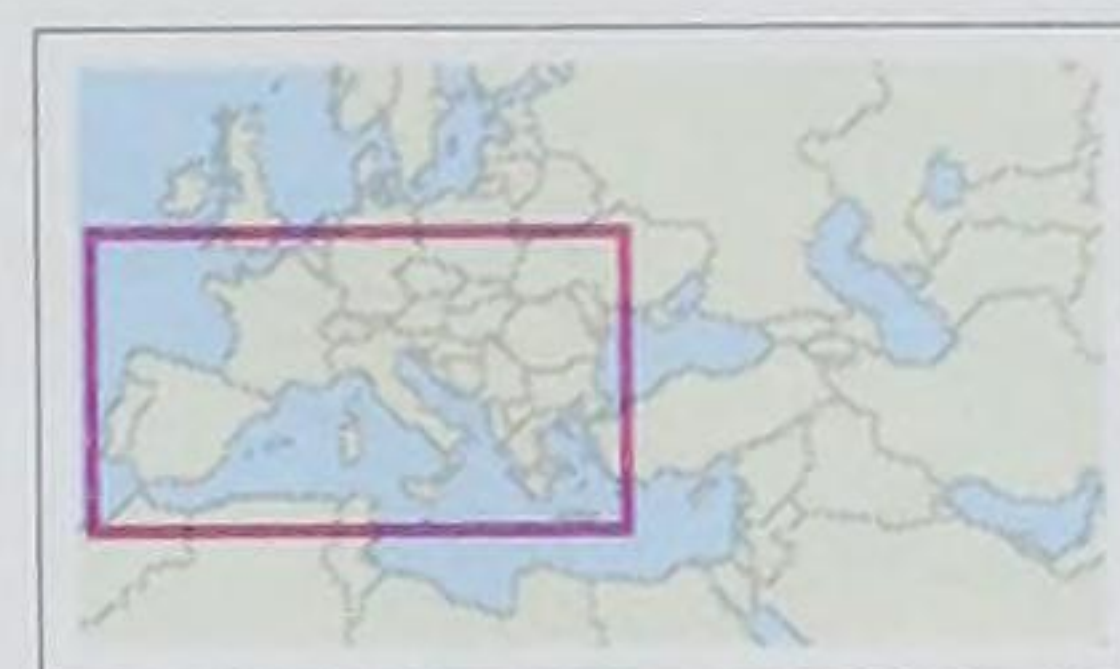


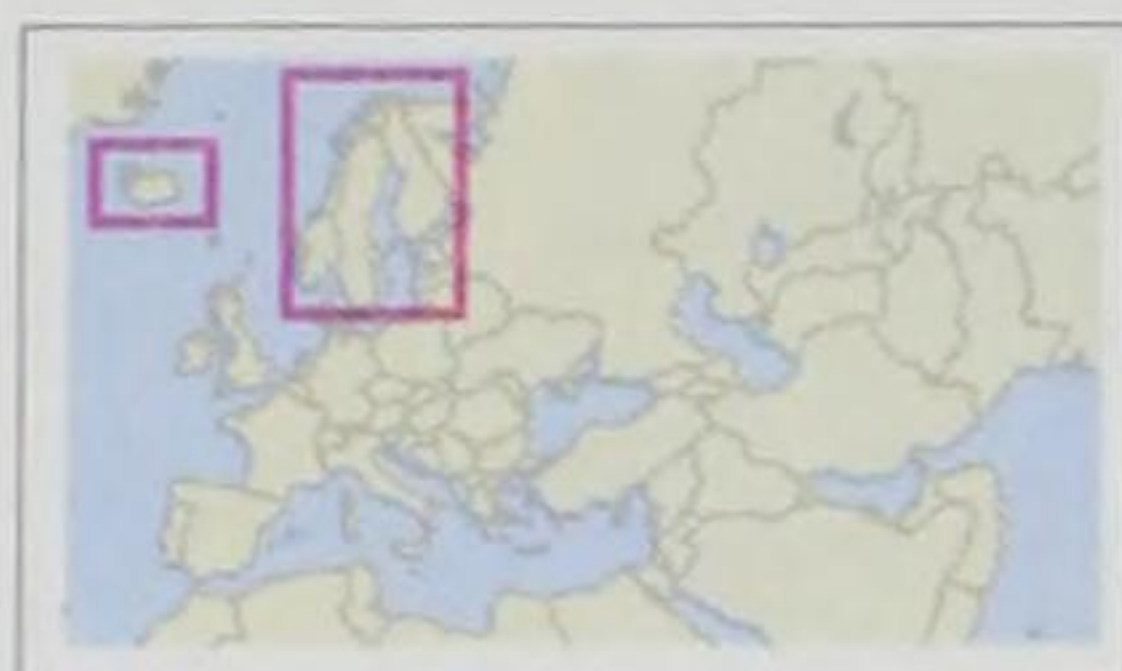


Western and Central Europe







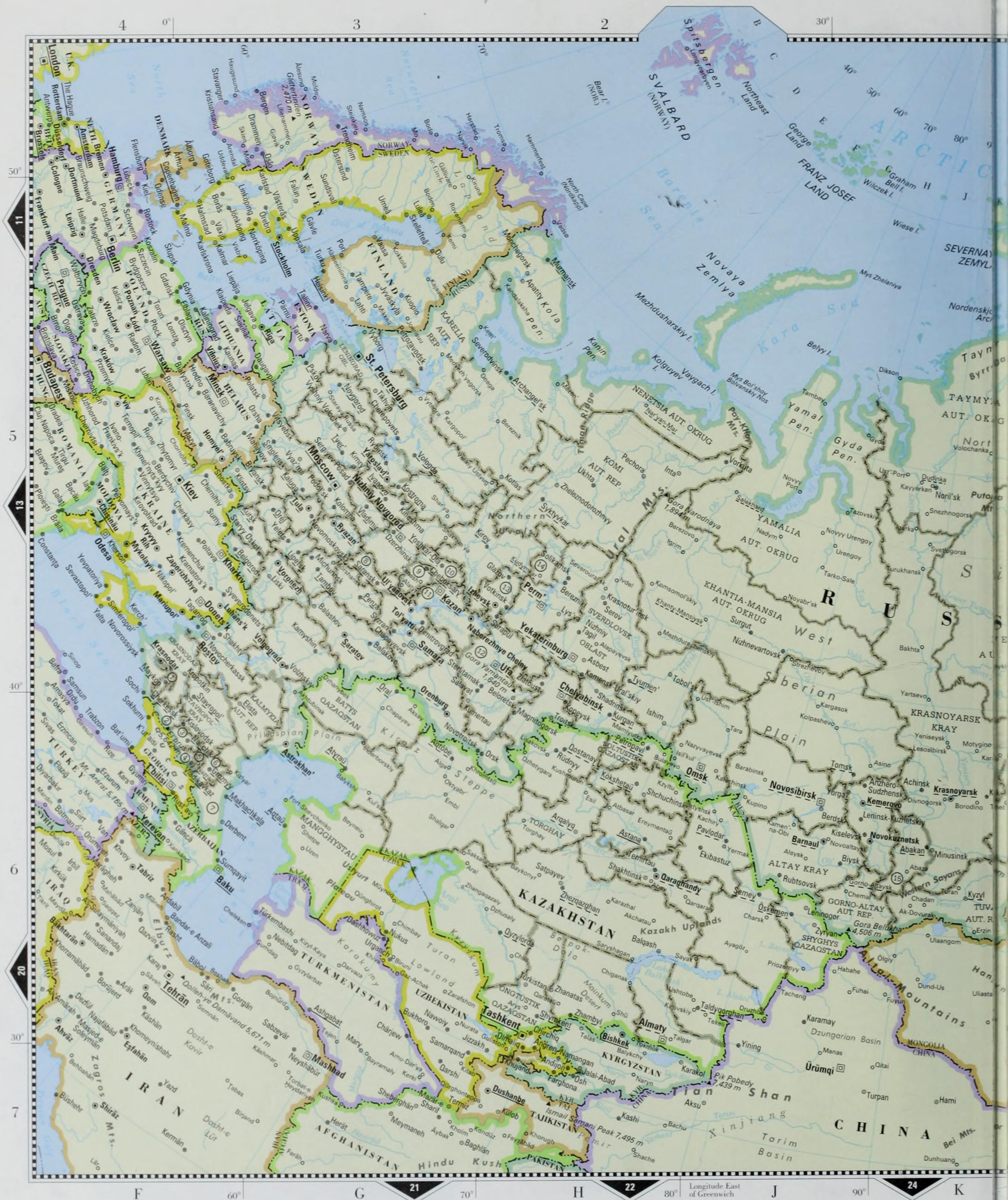


Scandinavia and Finland, Iceland

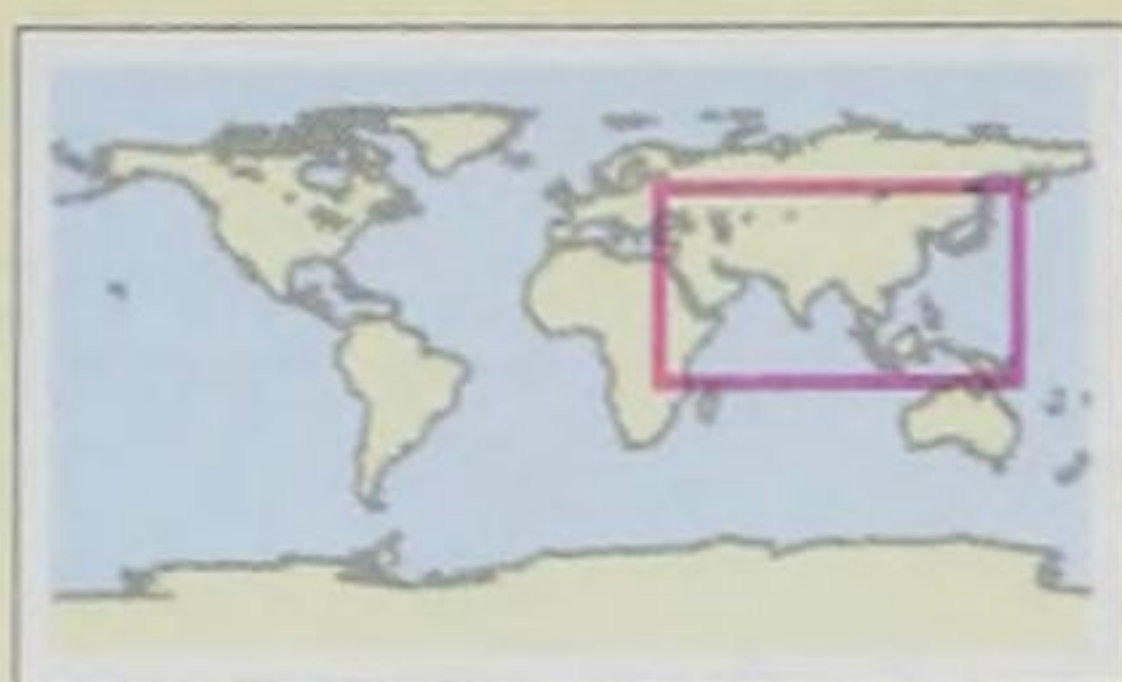


Eastern Europe and Turkey





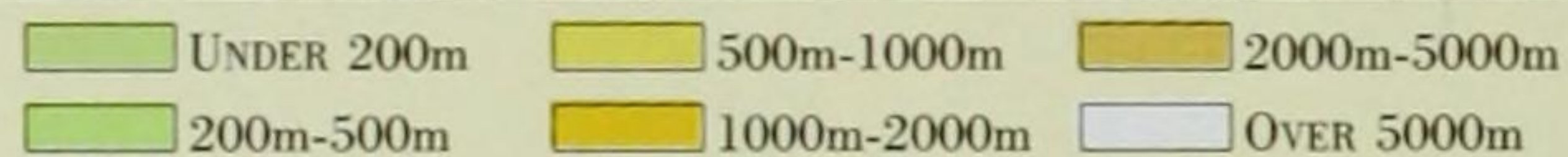




Asia - Comparisons



TOPOGRAPHY

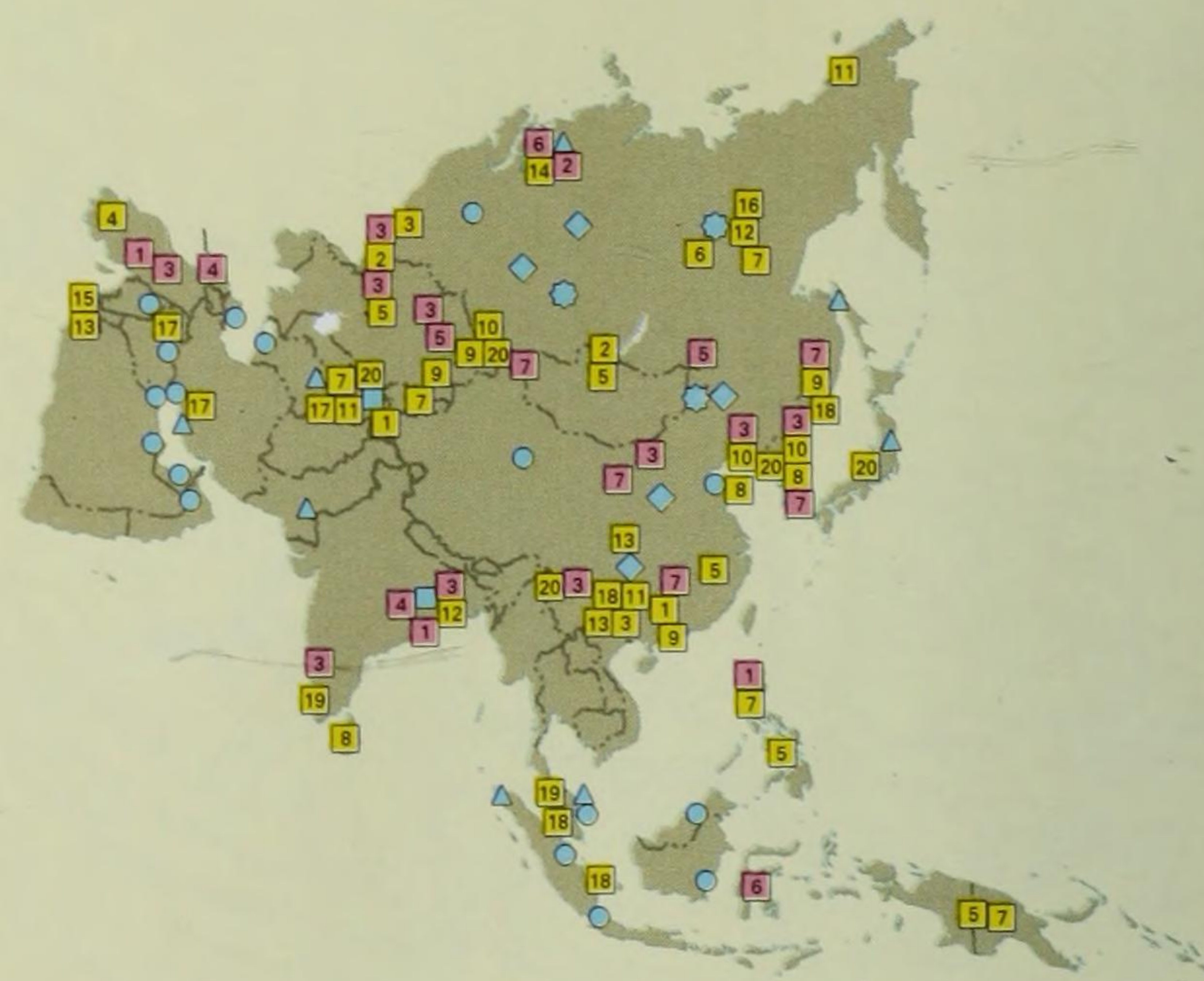
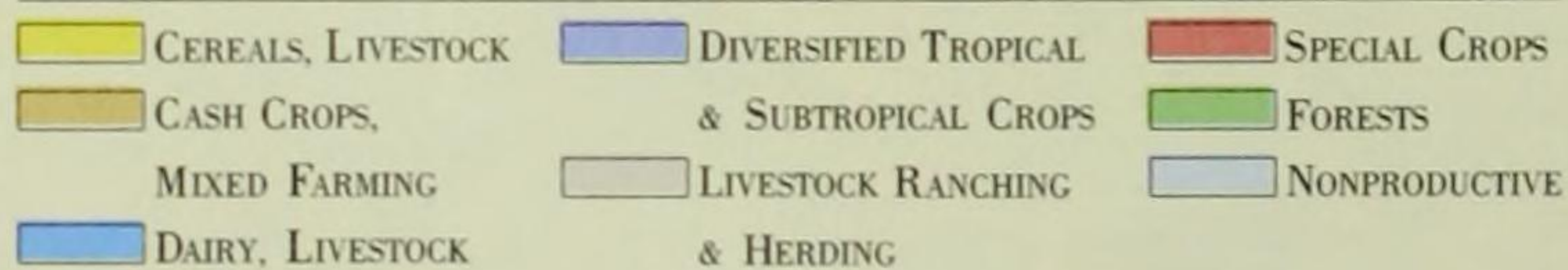


● CITIES WITH OVER 3,000,000 INHABITANTS (INCLUDING SUBURBS)

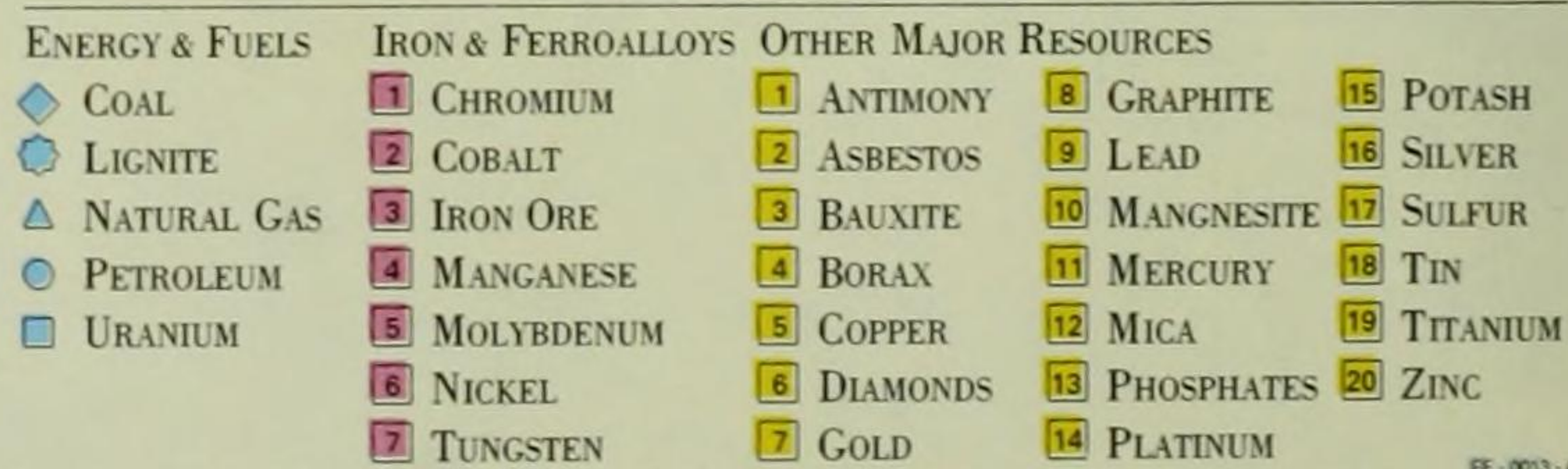
POPULATION DISTRIBUTION



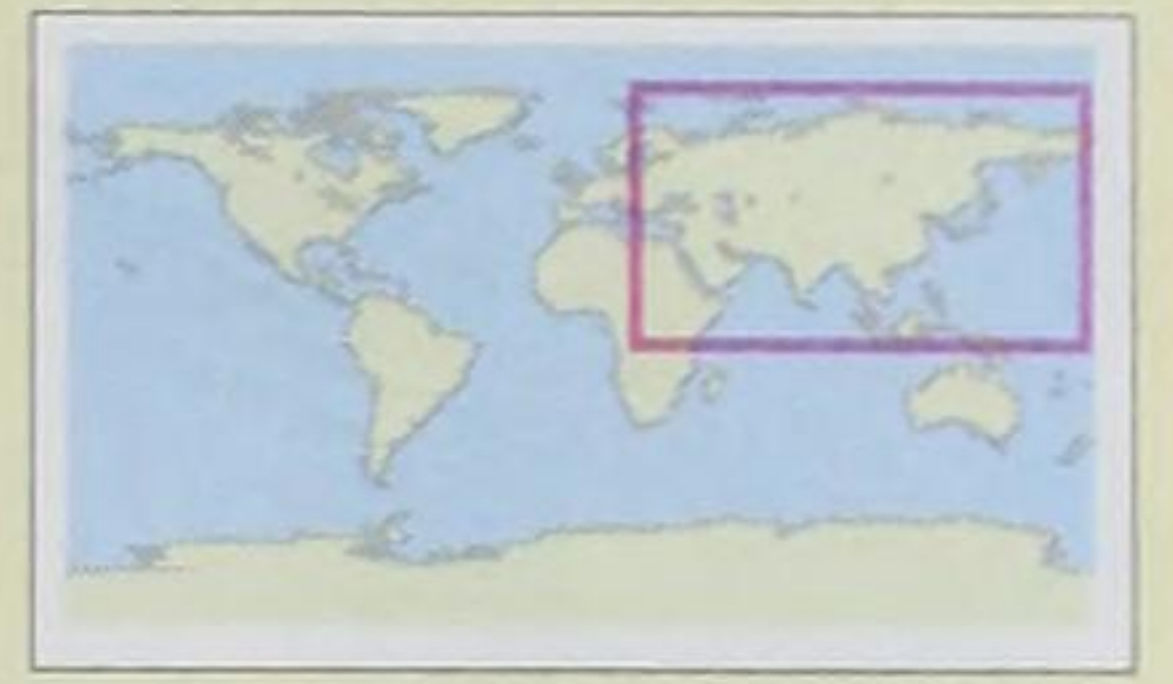
LAND USE



MINERAL RESOURCES

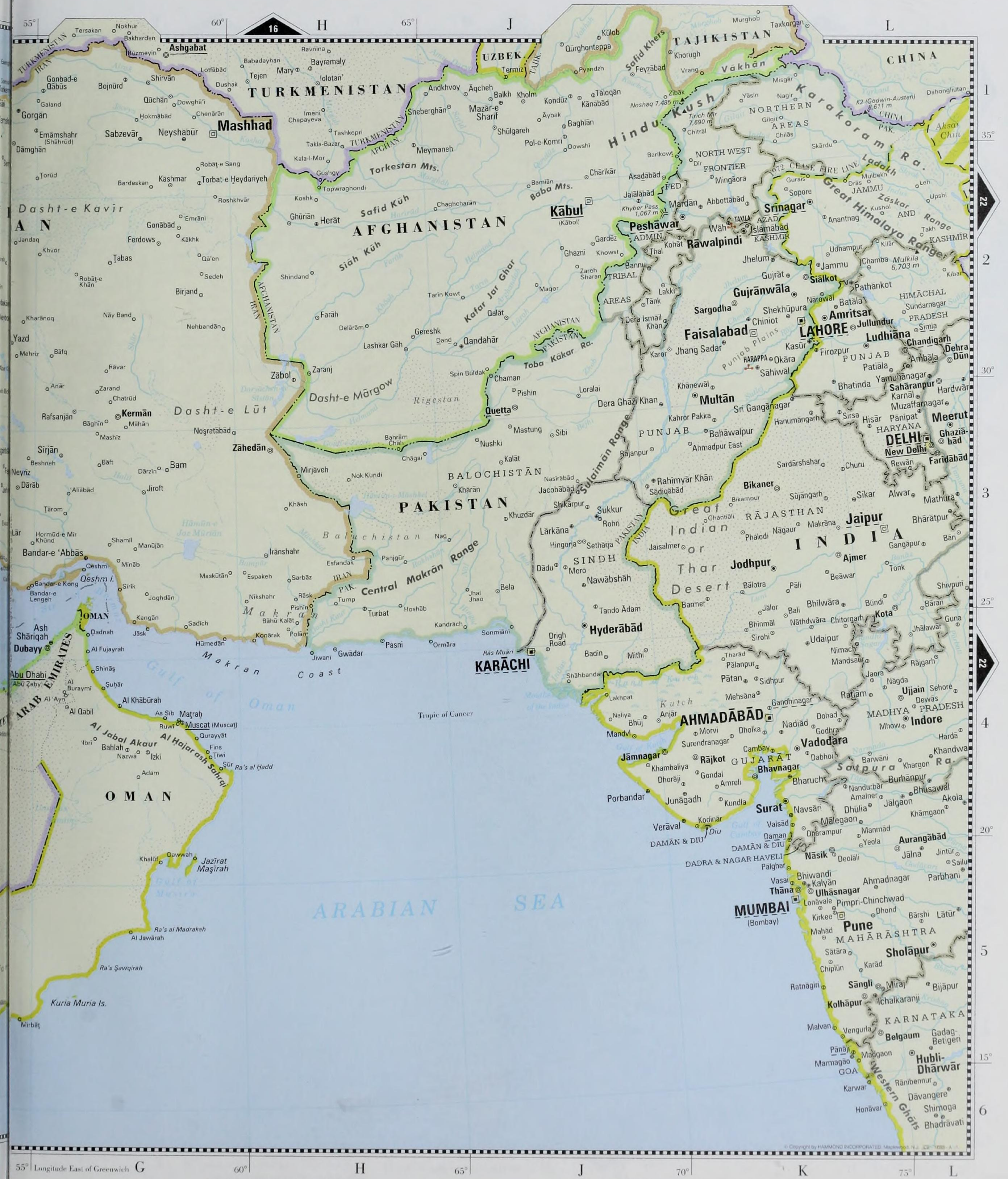


Asia





Southwestern Asia



POPULATION OF CITIES AND TOWNS

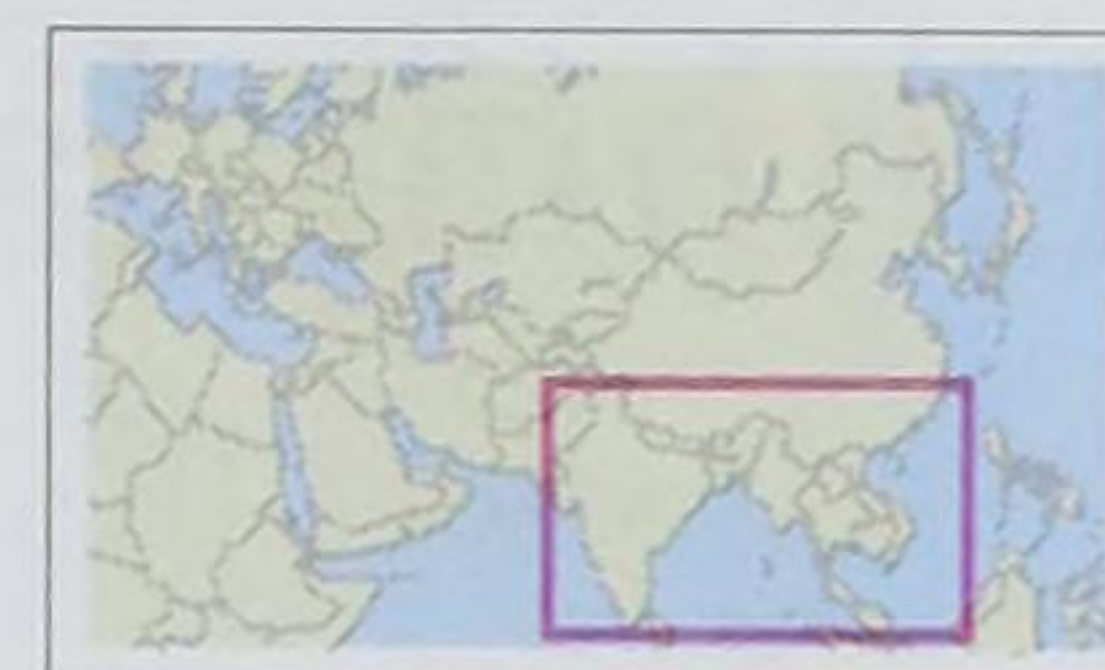
OVER 2,000,000	500,000 - 999,999	100,000 - 249,999	10,000 - 29,999
1,000,000 - 1,999,999	250,000 - 499,999	30,000 - 99,999	UNDER 10,000

SCALE 1:12,000,000 LAMBERT CONFORMAL CONIC PROJECTION

MILES 0 100 200 300 400 500

KILOMETERS 0 100 200 300 400 500





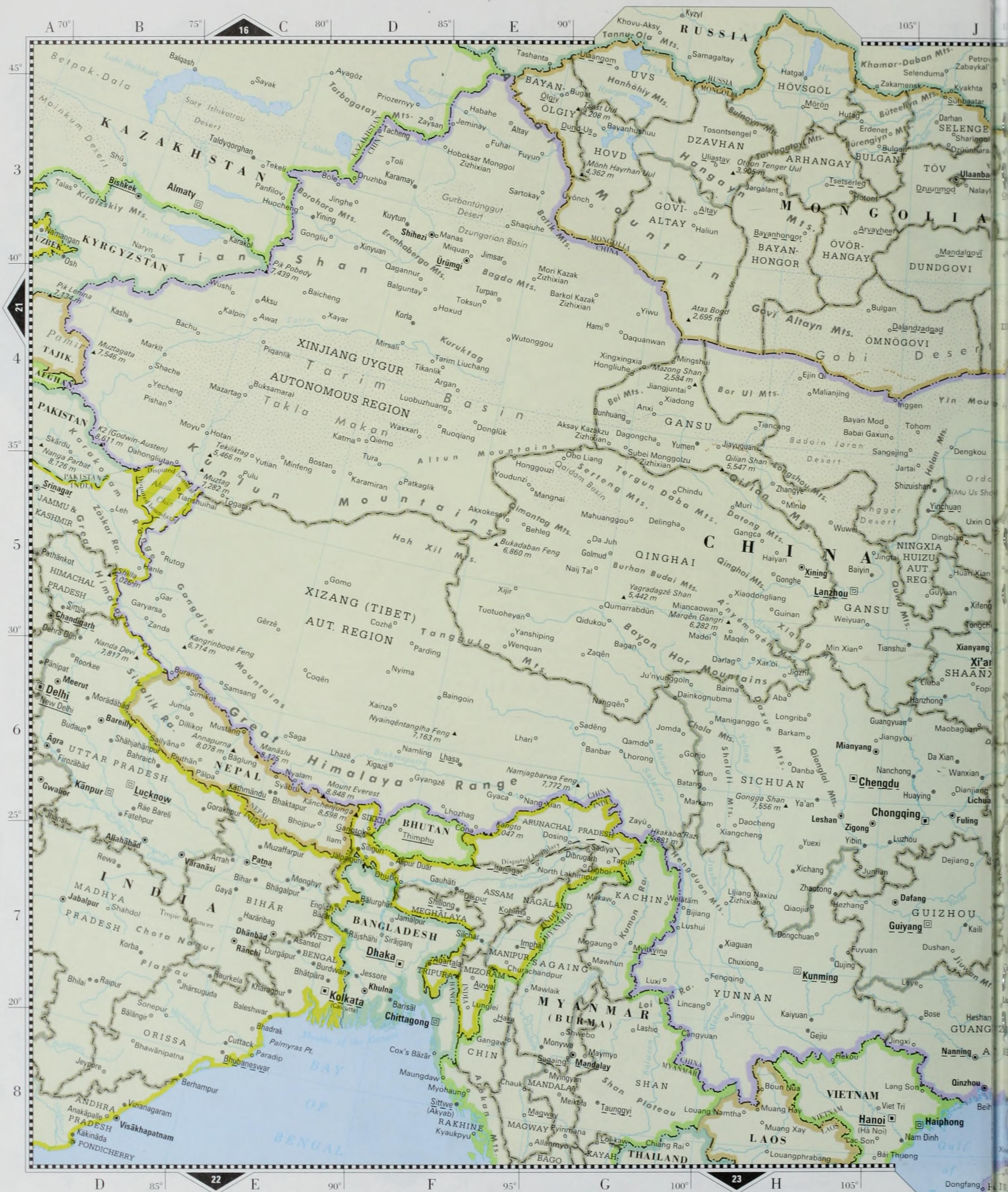
POPULATION OF CITIES AND TOWNS

<input type="checkbox"/> OVER 2,000,000	<input type="radio"/> 500,000 - 999,999	<input type="radio"/> 100,000 - 249,999	<input type="radio"/> 10,000 - 29,999
<input type="checkbox"/> 1,000,000 - 1,999,999	<input type="radio"/> 250,000 - 499,999	<input type="radio"/> 30,000 - 99,999	<input type="radio"/> UNDER 10,000

SCALE 1:12,000,000

LAMBERT CONFORMAL CONIC PROJECTION

China, Japan, Korea, Mongolia







SCALE 1:12,000,000 LAMBERT CONFORMAL CONIC PROJECTION

MILES 0 150 300 450
KILOMETERS 0 150 300 450

POPULATION OF CITIES AND TOWNS

OVER 2,000,000	500,000 - 999,999	100,000 - 249,999	10,000 - 29,999
1,000,000 - 1,999,999	250,000 - 499,999	30,000 - 99,999	UNDER 10,000

Southeastern Asia

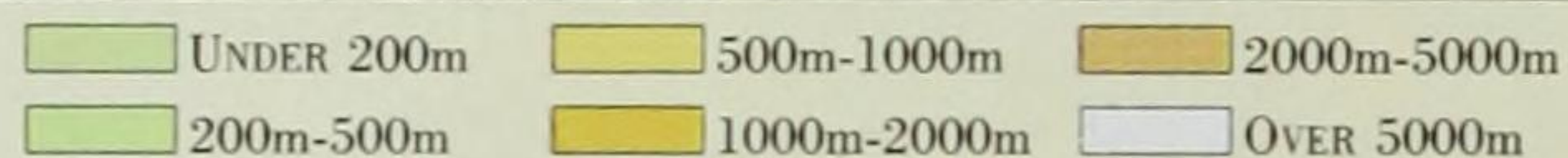




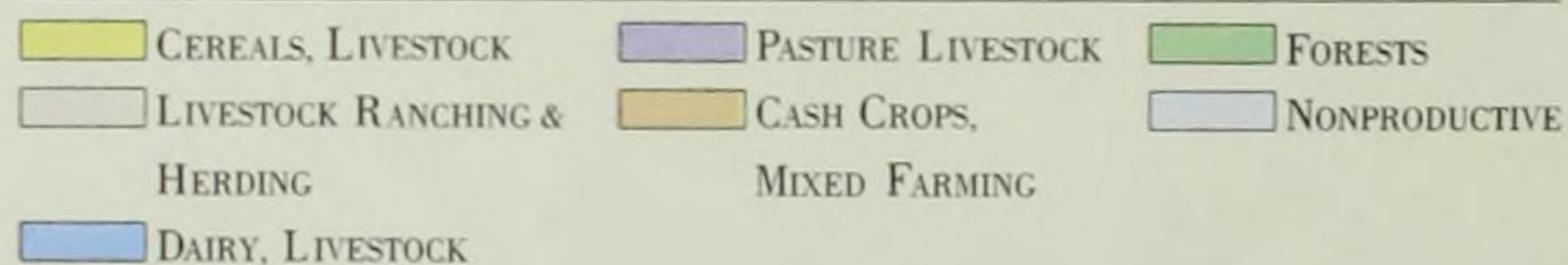
Australia & New Zealand Comparisons



TOPOGRAPHY

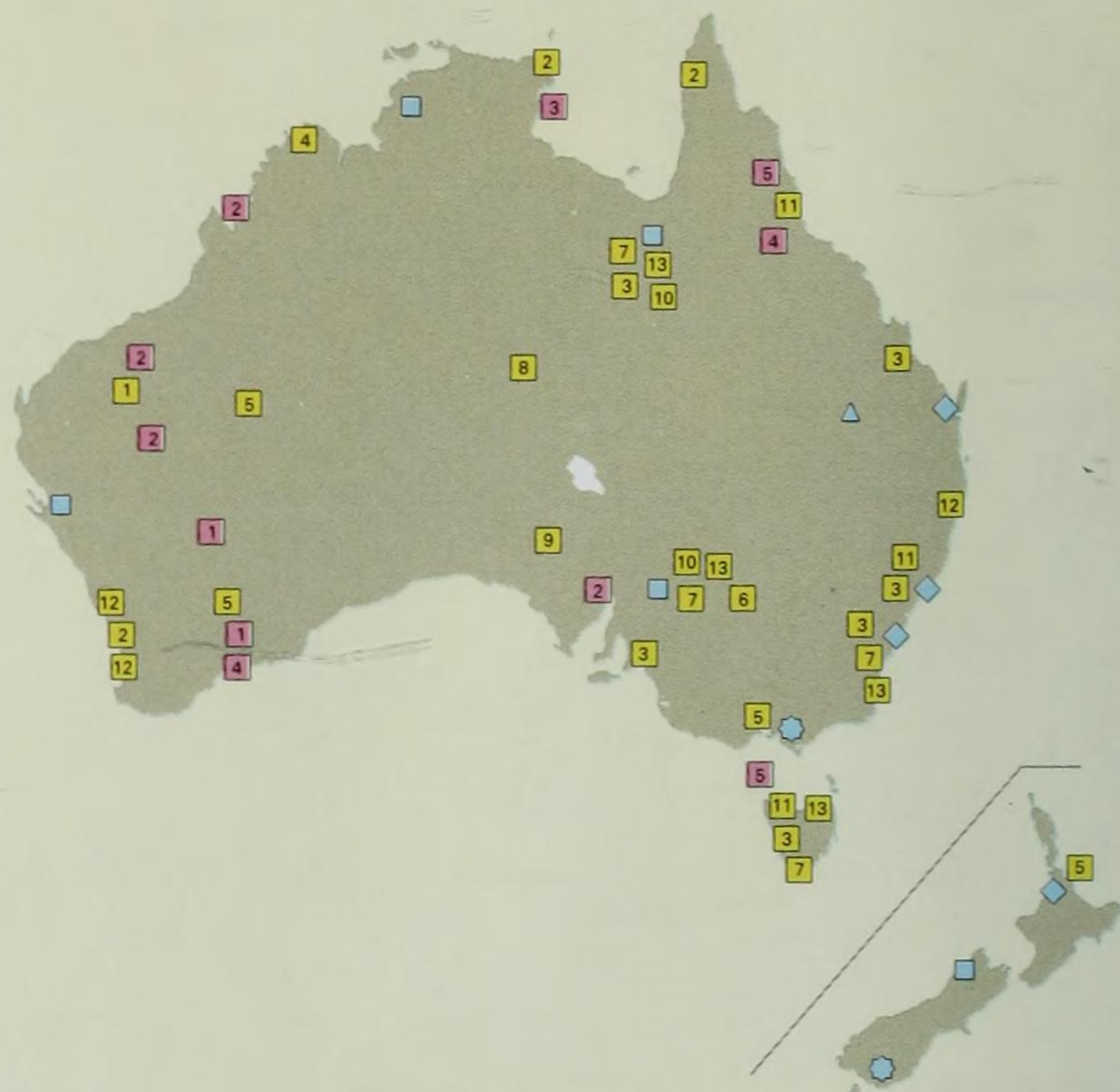
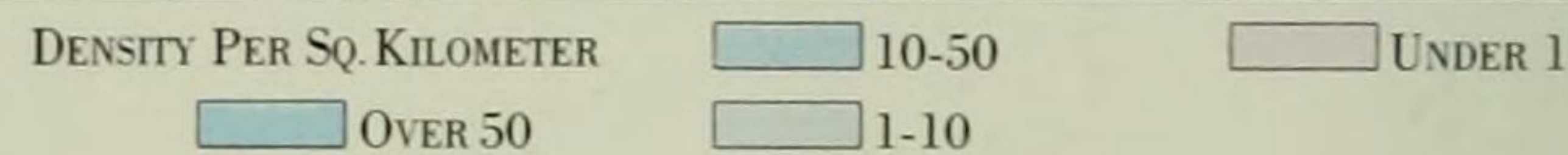


LAND USE

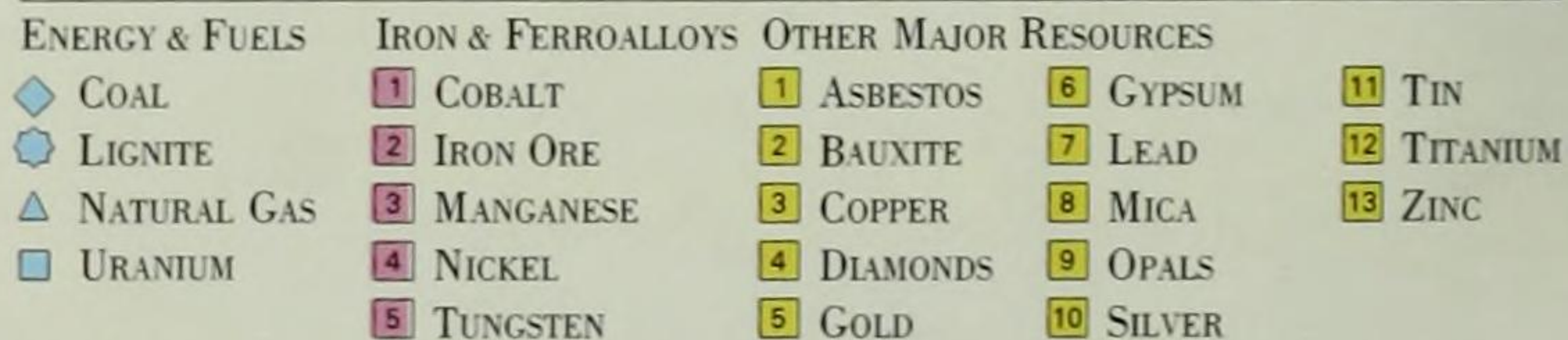


● CITIES WITH OVER 500,000 INHABITANTS (INCLUDING SUBURBS)

POPULATION DISTRIBUTION

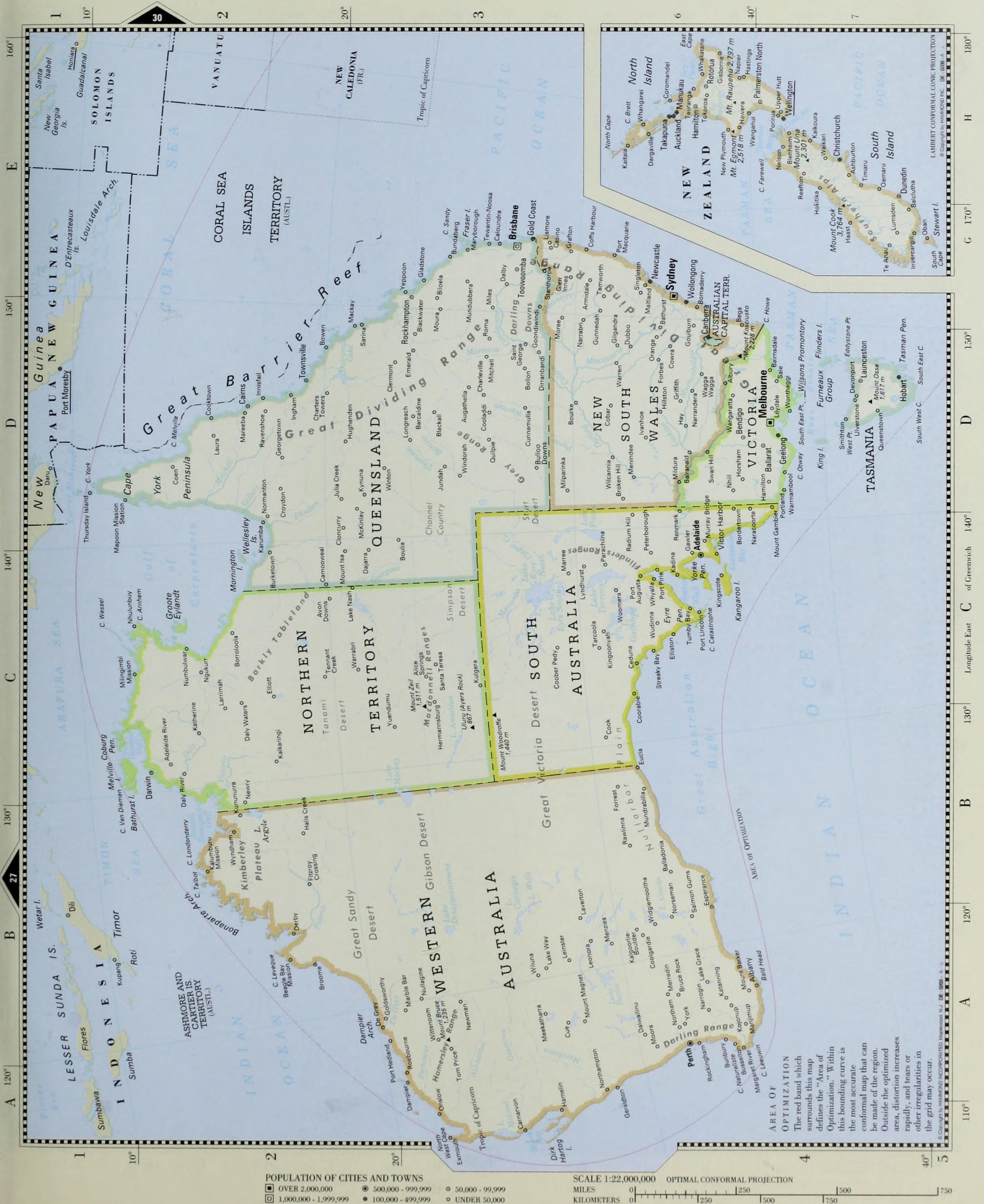


MINERAL RESOURCES



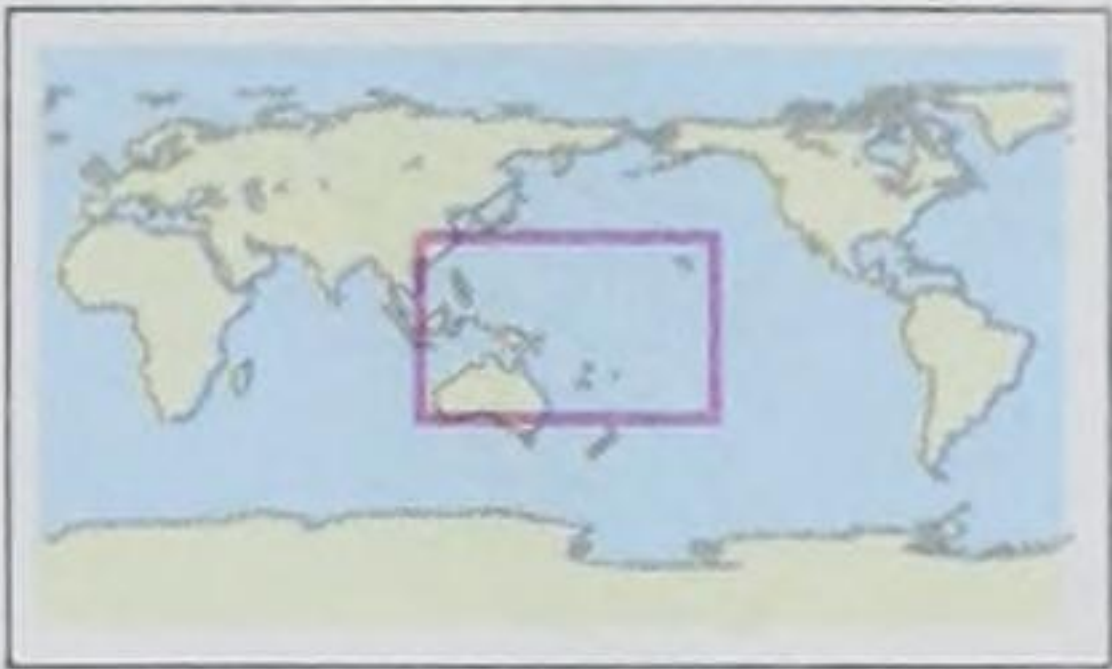
Australia & New Zealand

29





Pacific Ocean, Philippines

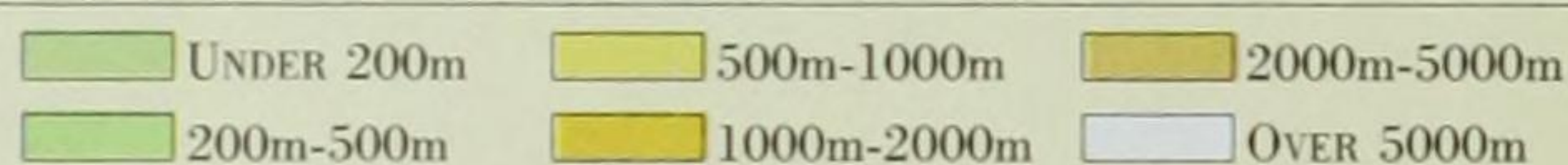




North America - Comparisons

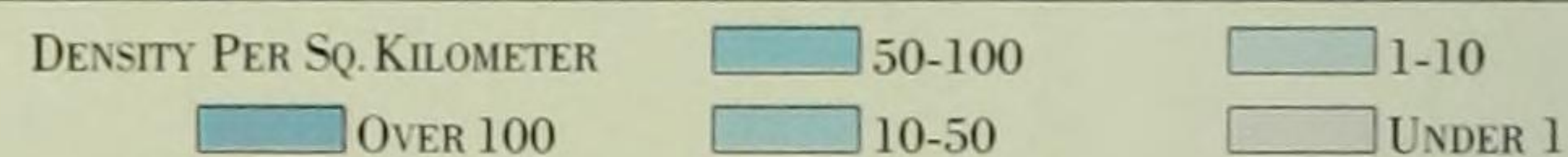


TOPOGRAPHY

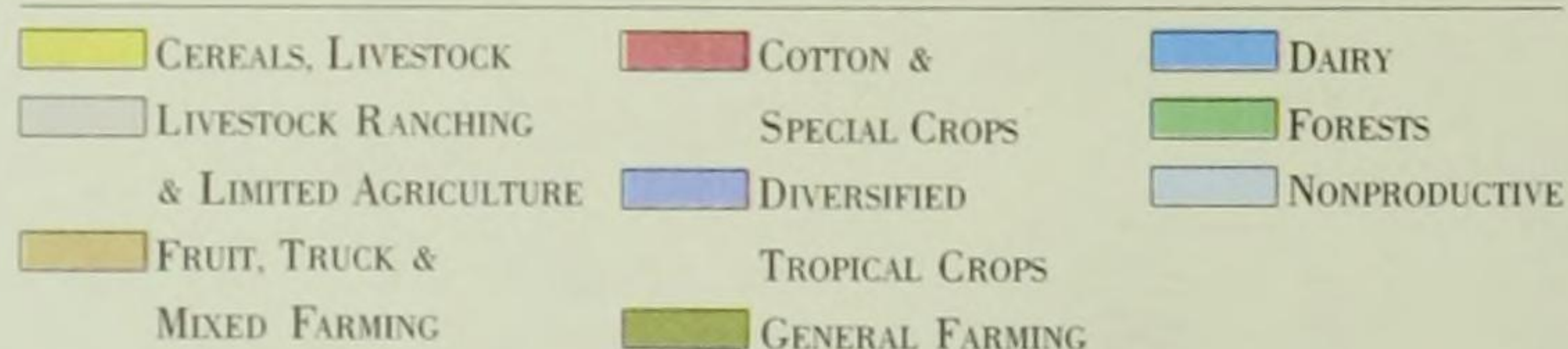


● CITIES WITH OVER 2,000,000 INHABITANTS (INCLUDING SUBURBS)

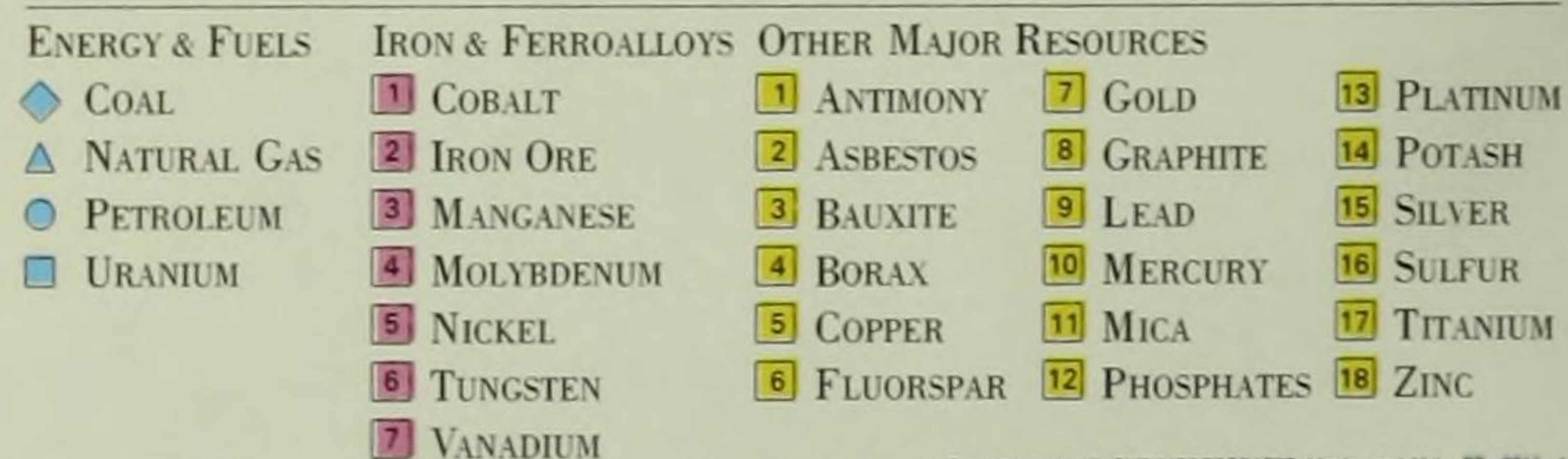
POPULATION DISTRIBUTION



LAND USE



MINERAL RESOURCES



North America



AREA OF OPTIMIZATION

The red band which surrounds this map defines the "Area of Optimization." Within this bounding curve is the most accurate conformal map that can be made of the region. Outside the optimized area, distortion increases rapidly, and tears or other irregularities in the grid may occur.

SCALE 1:40,000,000 OPTIMAL CONFORMAL PROJECTION

MILES 0 500 1000 1500

KILOMETERS 0 500 1000 1500

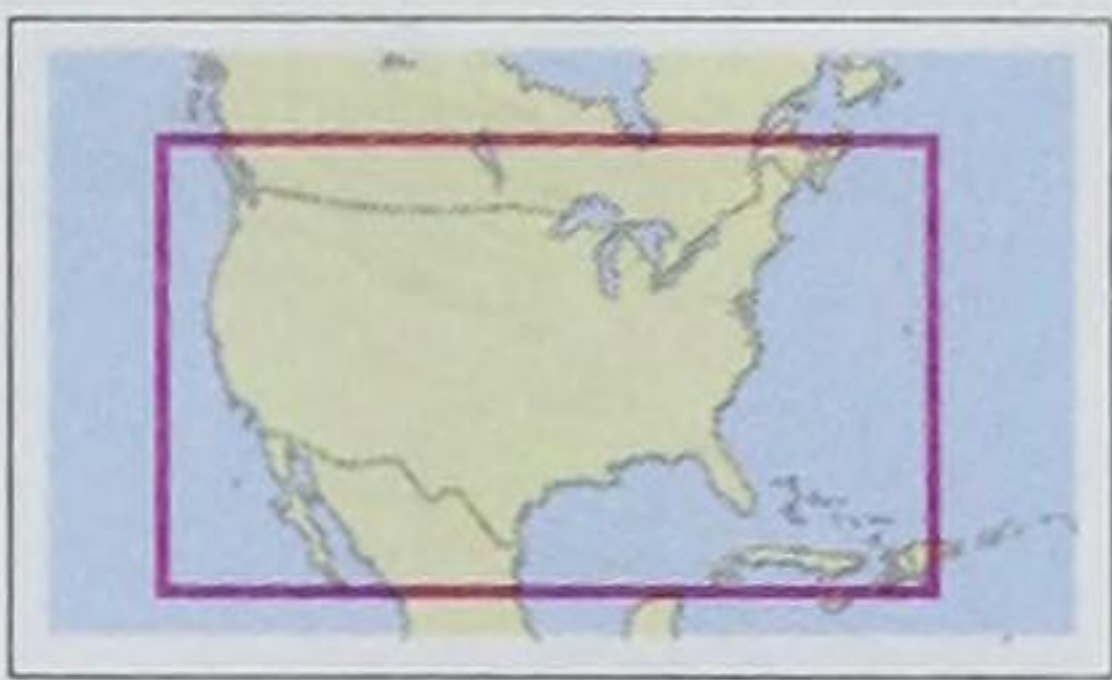
POPULATION OF CITIES AND TOWNS

■ OVER 3,000,000 ● 500,000 - 999,999 ○ UNDER 100,000

□ 1,000,000 - 2,999,999 ● 100,000 - 499,999



United States



POPULATION OF CITIES AND TOWNS

OVER 2,000,000	500,000 - 999,999	50,000 - 99,999
1,000,000 - 1,999,999	100,000 - 499,999	UNDER 50,000

SCALE 1:16,000,000 LAMBERT CONFORMAL CONIC PROJECTION

MILES 0 100 200 400 600

KILOMETERS 0 100 200 400 600



Mexico, Central America, West Indies



Canada



POPULATION OF CITIES AND TOWNS

OVER 2,000,000	500,000 - 999,999	50,000 - 99,999
1,000,000 - 1,999,999	100,000 - 499,999	UNDER 50,000

SCALE 1:24,000,000 LAMBERT CONFORMAL CONIC PROJECTION

MILES 0 300 600 900

KILOMETERS 0 300 600 900

Arctic Regions, Antarctica



POPULATION OF CITIES AND TOWNS

■ OVER 2,000,000	● 500,000 - 999,999	○ 50,000 - 99,999
□ 1,000,000 - 1,999,999	● 100,000 - 499,999	○ UNDER 50,000









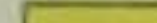

● CITIES WITH POPULATIONS OVER 100,000

UNDER 200m	500m-1000m	2000m-5000m
200m-500m	1000m-2000m	OVER 5000m

DENSITY PER SQ. KILOMETER  50-100  1-10
 OVER 100 10-50 UNDER 1



A map of South America showing the distribution of 15 bird species. The map is marked with numbered squares (1-15) and colored symbols (blue circles, triangles, and diamonds) indicating the presence of specific species across the continent.

	CEREALS, LIVESTOCK		DIVERSIFIED		FORESTS
	LIVESTOCK & MIXED FARMING		TROPICAL CROPS		NONPRODUCTIVE
	TRUCK FARMING, SPECIAL CROPS		LIVESTOCK GRAZING & RANCHING		

ENERGY & FUELS	IRON & FERROALLOYS	OTHER MAJOR RESOURCES			
◆ COAL	1 CHROMIUM	1 ANTIMONY	7 IODINE	13 TIN	
▲ NATURAL GAS	2 IRON ORE	2 ASBESTOS	8 LEAD	14 TITANIUM	
● PETROLEUM	3 MANGANESE	3 BAUXITE	9 MICA	15 ZINC	
■ URANIUM	4 MOLYBDENUM	4 COPPER	10 NITRATES		
	5 NICKEL	5 DIAMONDS	11 PHOSPHATES		
	6 TUNGSTEN	6 GOLD	12 SILVER		



Northern South America



POPULATION OF CITIES AND TOWNS

OVER 2,000,000	500,000 - 999,999	50,000 - 99,999
1,000,000 - 1,999,999	100,000 - 499,999	UNDER 50,000

SCALE 1:17,300,000 LAMBERT CONFORMAL CONIC PROJECTION

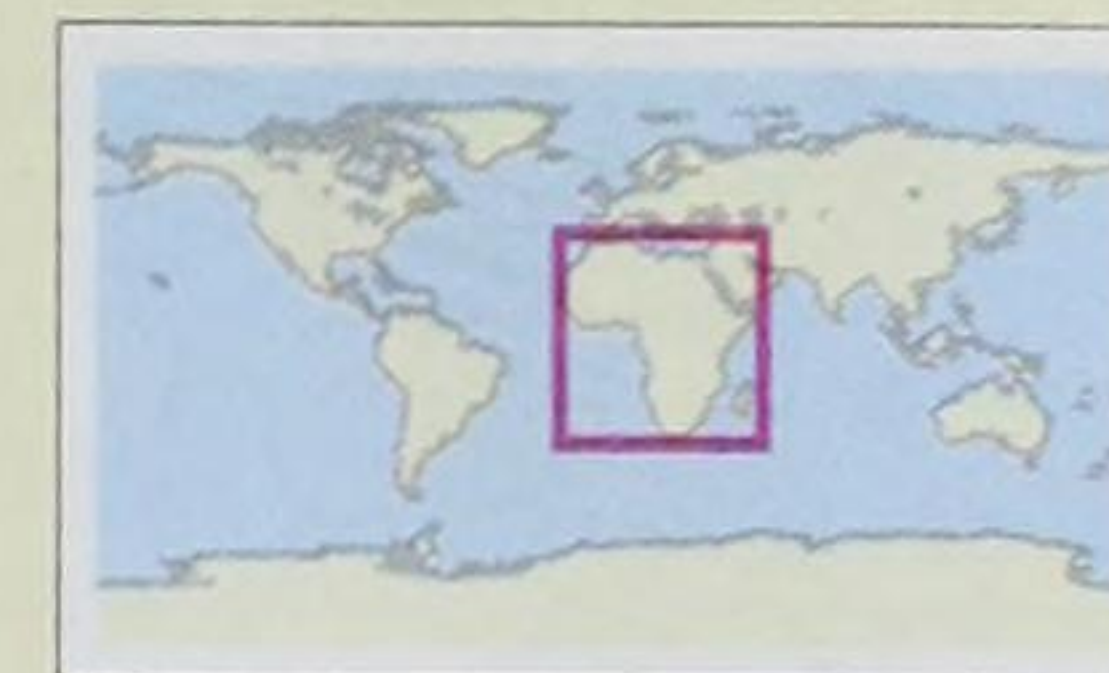
MILES 0 200 400 600

KILOMETERS 0 200 400 600



Southern South America










UNDER 200m	500m-1000m	2000m-5000m
200m-500m	1000m-2000m	OVER 5000m





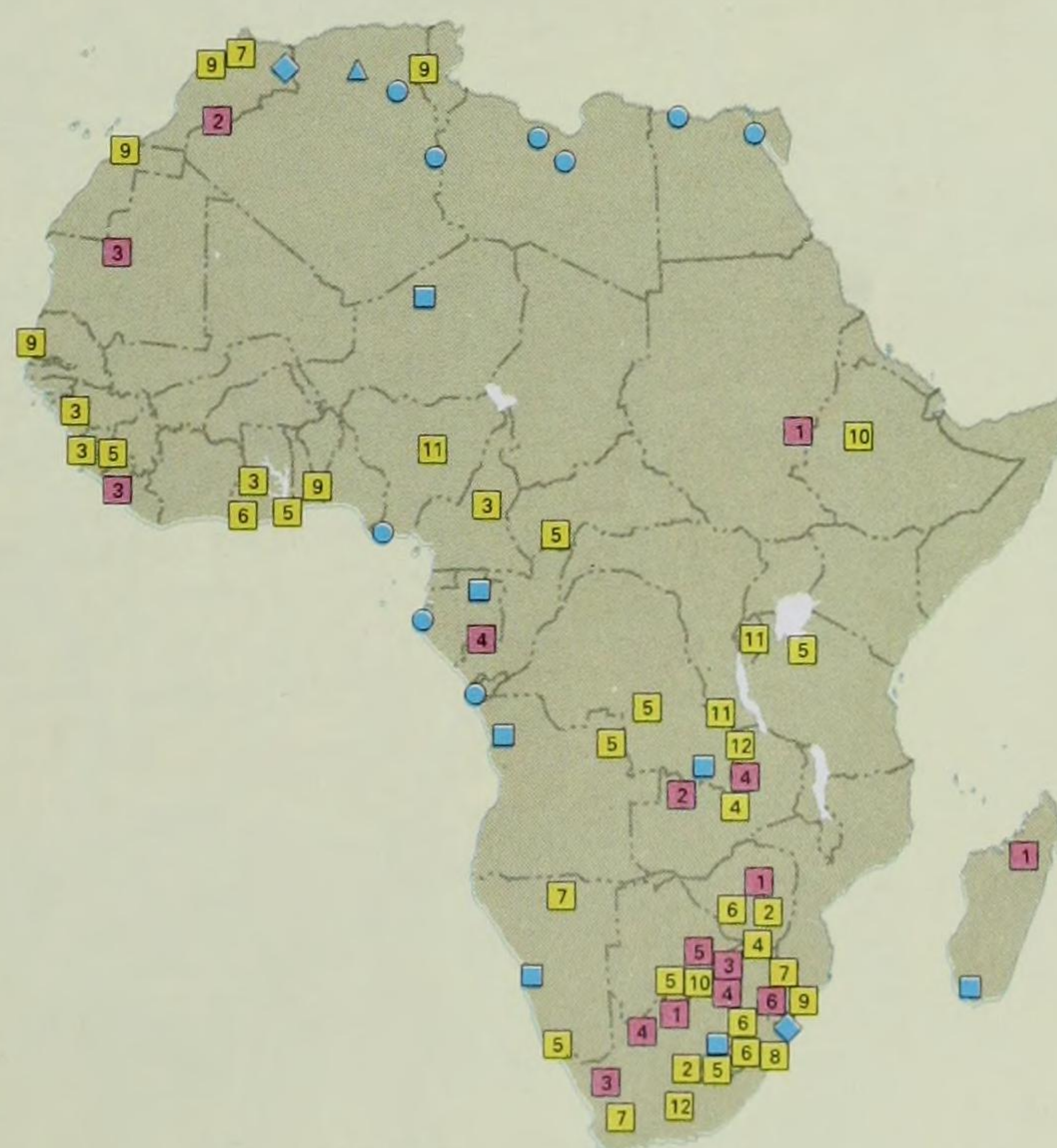
DENSITY PER SQ. KILOMETER 50-100 1-10
 OVER 100 10-50 UNDER 1



































 CEREALS, LIVESTOCK
 LIVESTOCK RANCHING
 & HERDING
 CASH CROPS,
 MIXED FARMING

 SPECIAL CROPS
 DIVERSIFIED TROPICAL
 & SUBTROPICAL CROPS

 FORESTS
 NONPRODUCTIVE



ENERGY & FUELS		IRON & FERROALLOYS		OTHER MAJOR RESOURCES	
 COAL	 COAL	 1 CHROMIUM	 1 CHROMIUM	 1 ANTIMONY	 7 LEAD
 NATURAL GAS	 NATURAL GAS	 2 COBALT	 2 COBALT	 2 ASBESTOS	 8 MICA
 PETROLEUM	 PETROLEUM	 3 IRON ORE	 3 IRON ORE	 3 BAUXITE	 9 PHOSPHATES
 URANIUM	 URANIUM	 4 MANGANESE	 4 MANGANESE	 4 COPPER	 10 PLATINUM
		 5 NICKEL	 5 NICKEL	 5 DIAMONDS	 11 TIN
		 6 VANADIUM	 6 VANADIUM	 6 GOLD	 12 ZINC



Northern Africa



POPULATION OF CITIES AND TOWNS

OVER 2,000,000	500,000 - 999,999	50,000 - 99,999
1,000,000 - 1,999,999	100,000 - 499,999	UNDER 50,000

SCALE 1:20,000,000 POLYCONIC PROJECTION
MILES 0 250 500 750
KILOMETERS 0 250 500 750

Southern Africa



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This index lists places and geographic features in the atlas including the country or area to which they belong.

A page number and alpha-numeric reference appear in blue to the right of each entry.

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Bandar Seri Begawan (cap.), Bru.	26/D3
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(terr.), Austl.	29/E2	Córdoba, Arg.	42/D3	Córdoba (mts.), Arg.	42/D3	Córdoba, Sp.	12/B4	Corfu (Kérkira), Gre.	13/H4	Corinth, Gre.	13/J4	Corinth (gulf), Gre.	13/J4	Cork, Ire.	10/B4	Coromandel (coast), India	22/D5	Corpus Christi, Tx, US	35/G6	Corrientes, Arg.	42/E2	Corsica (isl.), Fr.	13/F3	Çorum, Turk.	15/D5	Cosenza, It.	13/G3	Costa Rica	36/D4	Côte d'Ivoire	44/D6	Cotonou, Benin	44/F6	Cottbus, Ger.	11/H4	Coventry, Eng, UK	10/D3	Cozumel (isl.), Mex.	36/D2	Craiova, Rom.	13/J2	Crete (isl.), Gre.	13/K5	Crete (sea), Gre.	13/K4	Crimea (pen.), Ukr.	15/D4	Cristóbal Colón (peak), Col.	40/D1	Croatia	13/G2	Cuanza (riv.), Ang.	46/B2	Cuba	36/E2	Cucuta, Col.	40/D2	Cuenca, Ecu.	40/C4	Cuernavaca, Mex.	36/C3	Cuiabá, Braz.	41/G7	Culiacán, Mex.	36/B2	Cumaná, Ven.	40/F1	Cumbrian (mts.), Eng, UK	10/D3	Curaçao (isl.), NAnt.	36/F3	Curitiba, Braz.	42/G2	Cusco, Peru	40/D6	Cuttack, India	22/E3	Cyclades (isls.), Gre.	13/K4	Cyprus	20/B1	Czech Republic	11/H4	Czestochowa, Pol.	11/J4	Dacca (Dhaka) (cap.), Bang.	22/E4	Dachau, Ger.	10/G4	Dafang, China	23/J2	Da Hinggang (mts.), China	25/M2	Daito (isls.), Japan	30/C2	Dakar (cap.), Sen.	44/B5	Da Lat, Viet.	23/J5	Dalian, China	25/M4	Dallas, Tx, US	35/G5	Damān, India	22/B3	Damanhur, Egypt	20/B2	Damascus (cap.), Syria	20/C2	Damavand (mt.), Iran	20/F1	Damiatta, Egypt	20/B2	Da Nang, Viet.	23/E2	Dandong, China	25/M3	Danube (riv.), Eur.	13/L2	Daqing, China	25/N2	Dardanelles (str.), Turk.	15/C6	Dar es Salaam (cap.), Tanz.	46/G2	Darhan, Mong.	24/J2	Darjiling, India	22/E2	Darling (range), Austl.	29/A4	Darling (riv.), Austl.	29/D4	Darlington, Eng, UK	10/D3	Darmstadt, Ger.	10/G4	Darwin, Austl.	29/C2	Darwin (mts.), Chile	42/B7	Dashhowuz, Trkm.	16/F5	Dasht-e Kavir (des.), Iran	21/F2	Dasht-e Lüt (des.), Iran	21/G2	Datong, China	25/K3	Davao, Phil.	31/T12	David, Pan.	36/D4	Davis (sea), Ant.	38/F	Davis (str.), NAM.	33/M3	Da Xian, China	24/J5	Dayton, Oh, US	35/K4	Daytona Beach, Fl, US	35/K6	Dead (sea), Asia	20/C2	Debrecen, Hun.	13/J2	Deccan (plat.), India	22/C5	Delaware (state), US	35/L4	Delhi, India	22/C2	Denakil (reg.), Erit., Eth.	45/P5	Denizli, Turk.	15/C6	Denmark	10/G3	Denmark (str.)	6/A2	Denver (cap.), Co, US	34/F4	Derbent, Rus.	15/G5	Derby, Eng, UK	10/D3	Derg, Lough (lake), Ire.	10/B3	Des Moines (cap.), Ia, US	35/H3	Dessau, Ger.	10/H4	Detroit, Mi, US	35/K3	Devon (isl.), Can.	33/J2	Dezful, Iran	20/E2	Dezhou, China	25/L4	Dhahran, Sar.	20/E3	Dhaka (Dacca) (cap.), Bang.	22/E3	Dhānbad, India	22/E3	Dhulia, India	22/B3	Diamantina (uplands), Braz.	41/K6	Diego Garcia (isls.), Brln.	19/G10	Dien Bien Phu, Viet.	23/H3	Dieppe, Fr.	12/D1	Dijon, Fr.	12/E2	Dili, Indo.	27/G5	Dimitriya Lapteva (str.), Rus.	17/P2	Dinaric Alps (mts.), Eur.	13/H2	Dingle (bay), Ire.	10/B3	Dire Dawa, Eth.	45/P6	Divinópolis, Braz.	41/J8	Diýarbakir, Turk.	15/F6	Djakarta (Jakarta), Indo.	26/C5	Djibouti	45/P5	Djibouti (cap.), Djib.	45/P5	Djokjakarta (Yogyakarta), Indo.	26/D5	Dnipro (riv.), Eur.	15/D4	Dniprodzerzhyn's'k, Ukr.	15/D4	Dnipropetrov's'k, Ukr.	15/D4	Dnister (riv.), Ukr.	15/C4	Doberai (pen.), Indo.	27/H4	Dodecanese (isls.), Gre.	15/C6	Doha (cap.), Qatar	20/F3	Dois Irmãos (mts.), Braz.	41/K5	Dominica	36/F3	Dominican Republic	36/F3	Don (riv.), Rus.	15/F4	Donegal (bay), Ire.	10/B3	Donets (riv.), Ukr.	15/E4	Donets'k, Ukr.	15/E4	Dongguan, China	25/K7	Dongying, China	25/L4	Dortmund, Ger.	10/F4	Douala, Camr.	44/G7	Douglas (cap.), IM, UK	10/C3	Douro (riv.), Port.	12/B3	Dover (str.), Eur.	10/E4	Dover, Eng, UK	10/E4	Dover (cap.), De, US	35/L4	Curaçao (passage)	42/C8	Dresden, Ger.	11/H4	Drina (riv.), Bosn.	13/H2	Dubayyi (Dubai), UAE	21/G3	Dublin (cap.), Ire.	10/C3	Dubrovnik, Cro.	13/H3	Dudinka, Rus.	16/J3	Dufourspitze (mt.), Eur.	12/E2	Duisburg, Ger.	10/F4	Duluth, Mn, US	35/H2	Dumfries, Sc, UK	10/D3	Dundalk, Ire.	10/C3	Dundee, Sc, UK	10/D2	Dunedin, NZ	29/H7	Dunkirk (Dunkerque), Fr.	12/D1	Durango, Mex.	36/B2	Durban, S Afr.	46/F6	Durgapur, India	22/E3	Durham, Eng, UK	10/D3	Durham, NC, US	35/L4	Durrës, Alb.	13/H3	Dushanbe (cap.), Taj.	16/G6	Düsseldorf, Ger.	10/F4	Dvina, Northern (Dvina Severnaya) (riv.), Rus.	9/J2	Dvina, Western (Dvina Zapadnaya) (riv.), Bela.	15/C2	Dzerzhinsk, Rus.	15/F2	E	East China (sea), Asia	19/M6	Easter (isl.), Chile	31/Q7	Eastern Ghats (mts.), India	22/C5	East Falkland (isl.), Falk.	42/E7	East Frisian (isls.), Ger.	10/F3	East London, S Afr.	46/E7	East Siberian (sea), Rus.	17/S2	Ebro (riv.), Sp.	12/D3	Ecuador	40/C4	Edinburgh (cap.), Sc, UK	10/D3	Edirne, Turk.	15/C5	Edmonton (cap.), Ab, Can.	37/F4	Edremit, Turk.	15/C6	Egypt	45/L2	Eindhoven, Neth.	10/F4	El Asnam, Alg.	44/F1	Elat (Elath), Isr.	20/B3	Elazig, Turk.	15/E6	Elba (isl.), It.	13/F3	Elbe (riv.), Ger.	10/G3	Elbert (mt.), Co, US	34/E4	Elblag, Pol.	11/J3	El'brus (mt.), Rus.	15/F5	Elburz (mts.), Iran	20/E1	Elektrostal', Rus.	9/H3	Eleuthera (isl.), Bahm.	36/E2	Elgon (mt.), Ugan.	45/M7	Ellesmere (isl.), Can.	33/J2	Ellsworth Land (reg.), Ant.	38/U	El Nevado (mtn.), Arg.	42/C4	El Paso, Tx, US	34/E5	El Salvador	36/C3	Emden, Ger.	10/F3	Emmen, Neth.	10/F3	Ems (riv.), Eur.	10/F3	Enderby Land (reg.), Ant.	38/D	Enewetak (atoll), Mrsh.	30/F3	Engel's, Rus.	15/G3	England, UK	10/D3	English (chan.), Eur.	10/C4	Enniskillen, NI, UK	10/C3	Enschede, Neth.	10/F3	Ensenada, Mex.	36/A1	Entebbe, Ugan.	45/M8	Enugu, Nga.	44/G6	Enzeli (Bandar-e Anzali), Iran	20/E1	Épinal, Fr.	12/E1	Equatorial Guinea	44/G7	Erepecu (lake), Braz.	41/G4	Erfurt, Ger.	10/G4	Erg Chech (des.), Alg., Mali	44/D3	Erg Iguidi (des.), Alg., Mrta.	44/D2	Erie (lake), NAM.	35/K3	Erie, Pa, US	35/K3	Eritrea	20/C5	Erlangen, Ger.	10/G4	Erode, India	22/C5	Erzgebirge (mts.), Eur.	11/H4	Erzurum, Turk.	15/F6	Esbo (Espoo), Fin.	14/H3	Esfahan, Iran	20/F2	Eskişehir, Turk.	15/D6	Esmeraldas, Ecu.	40/C3	Espinhaço (mts.), Braz.	41/K7	Espíritu Santo (isl.), Van.	30/F6	Espos (Esbo), Fin.	14/H3	Essen, Ger.	10/F4	Estados (isls.), Arg.	42/D7	Estonia	11/L2	Estrella (mts.), Port.	12/A3	Estrondo (mts.), Braz.	41/J5	Ethiopia	45/N5	Ethiopian (plat.), Eth.	45/N6	Etna (vol.), It.	13/G4	Euboea (Evvoia) (isl.), Gre.	13/K4	Euphrates (riv.), Asia	19/D6	Europe	5	Evansville, In, US	35/J4	Everest (mt.), Asia	22/E2	Evora, Port.	12/B4	Évvoia (isl.), Gre.	13/K4	Exeter, Eng, UK	10/D4	Eyre (lake), Austl.	29/C3	Eyre (pen.), Austl.	29/C4	F	Fairbanks, Ak, US	33/C3	Faisalabad, Pak.	21/K2	Falkirk, Sc, UK	10/C3	Falkland Islands, UK	42/D7	Falmouth, Eng, UK	10/C4	Falso (cape), Mex.	36/A2	Famagusta, Cyp.	20/B1	Fandriana, Madg.	46/K11	Fariḍābād, India	22/C2	Faro, Port.	12/B4	Faroe (isls.), Den.	9/D2	Fehmarn (isl.), Ger.	10/G3	Fengcheng, China	25/M3	Ferrara, It.	13/F2	Fès, Mor.	44/E1	Fianarantsoa, Madg.	46/K11	Fiera de Santana, Braz.	41/L6	Fiji	30/G6	Finisterre (cape), Sp.	12/A3	Finland	14/H2	Finland (gulf), Eur.	14/H4	Firenze (Florence), It.	13/F3	Firozpur, India	21/K2	Fiume (Rijeka), Cro.	13/G2	Flagstaff, Az, US	34/D4	Flensburg, Ger.	10/G3	Flinders (ranges), Austl.	29/C4	Flint, Mi, US	35/K3	Florence (Firenze), It.	13/F3	Flores (isl.), Indo.	27/F5	Flores (sea), Indo.	27/E5	Florinópolis, Braz.	42/G2	Florida (state), US	35/K6	Florida (str.), Cuba, Fl, US	35/K7	Foggia, It.	13/G3	Fontainebleau, Fr.	12/D1	Forli, It.	13/G2	Formosa (mts.), Braz.	41/G6	Fort-de-France (cap.), Mart.	36/F3	Fortaleza, Braz.	41/L4	Forth (firth), Sc, UK	10/D2	Forth, Firth of (inlet), Sc, UK	10/D2	Ft. Lauderdale, Fl, US	35/K6	Ft. McMurray, Can.	33/F4	Ft. Wayne, In, US	35/J3	Fort William, Sc, UK	10/C2	Ft. Worth, Tx, US	35/G5	França, Braz.	41/J8	France	12/D2	Francistown, Bots.	46/E5	Frankfort (cap.), Ky, US	35/K4	Frankfurt am Main, Ger.	10/G4	Frankfurt an der Oder, Ger.	11/H3	Franz Josef Land (isls.), Rus.	16/F2	Fraser (riv.), BC, Can.	37/E4	Fredericia, Den.	14/D5	Fredericton (cap.), NB, Can.	35/N2	Frederikshavn, Den.	14/D4	Freetown (cap.), SLeo.	44/C6	Freiburg, Ger.	10/F5	French Guiana	41/H3	French Polynesia	31/L6	Fresno, Ca, US	34/C4	Fribourg, Swi.	12/E2	Frome (lake), Austl.	29/D4	Fukuoka, Japan	25/P5	Fukushima, Japan	25/R4	Funafuti (cap.), Tuv.	30/G5	Funchal, Port.	44/B1	Fundy (bay), NAM.	35/N3	Furnas (res.), Braz.	41/J8	Furneaux Group (isls.), Austl.	29/D4	Fürth, Ger.	10/G4	Fushun, China	25/M3	Fuxin, China	25/M3	Fuzhou, China	25/L7	G	Gabon	44/H7	Gaborone (cap.), Bots.	46/E5	Gadsden, Al, US	35/J5	Gainesville, Fl, US	35/K6	Galapagos (isls.), Ecu.	6/E6	Galați, Rom.	13/K2	Galle, SrL	22/D6	Gallegos (riv.), Arg.	42/B7	Gallipoli, Turk.	15/C5	Galveston, Tx, US	35/H6	Galway, Ire.	10/B3	Gambia	44/B5	Gambier (isls.), FrPol.	31/M7	Gāncā, Azer.	15/G5	Gandhinagar, India	22/B3	Gangdise (mts.), China	35/D5	Ganges (riv.), Asia	19/H7	Ganges, Mouths of the (delta), Bang., India	22/E3	Gangtok, India	22/E2	Ganzhou, China	25/L6	Garabogazköl (gulf), Trkm.	16/F5	Garmisch-Partenkirchen, Ger.	13/F2	Garonne (riv.), Fr.	12/D2	Gaspar (str.), Indo.	26/C4	Gaspé (pen.), Qu, Can.	35/N2	Gauhāti, India	23/F2	Gaya, India	22/E3	Gaza, Gaza	20/B2	Gaza Strip	20/B2	Gaziantep, Turk.	15/E6	Gdańsk, Pol.	11/J3	Gdańsk (gulf), Pol.	11/J3	Gdynia, Pol.	11/J3	Geelong, Austl.	29/D4	Gejiu, China	23/H3	Geneva, Swi.	12/E2	Geneva (Léman) (lake), Eur.	12/E2	Genoa (Genova), It.	13/F2	Genova (gulf), It.	13/F2	Georgetown (cap.), Guy.	40/G2	George Town (Pinang), Malay.	26/B2	Georgia	15/F5	Georgia (state), US	35/K5	Georgian (bay), On, Can.	37/J5	Gera, Ger.	10/H4	Geral de Goias (mts.), Braz.	41/J6	Germany	10/G4	Ghana	44/E6	Ghaziābād, India	22/C2	Ghazni, Afg.	21/J2	Ghent, Belg.	10/E4	Gibraltar (str.)	12/B5	Gibraltar, UK	12/B4	Gibson (des.), Austl.	29/B3	Gijón, Sp.	12/B3	Gilbert Is. (Kiribati)	30/G5	Girona (Gerona), Sp.	12/D3	Gironde (riv.), Fr.	12/C2	Glinders (ranges), Austl.	29/C4	Glasgow, Sc, UK	10/C3	Gloucester, Eng, UK	10/D4	Goa (dist.), India	22/B4	Goânia, Braz.	41/J7	Gobi (des.), Asia	24/H3	Godavari (riv.), India	22/D4	Godoy Cruz, Arg.	42/C3	Godthåb (Nuuk) (cap.), Grld.	33/M3	Godwin Austen (K2) (mt.), Asia	21/L1	Goiania, Braz.	41/J7	Gold Coast, Austl.	29/E3	Gold Coast (reg.), Gha.	44/E7	Gonder, Eth.	45/N5	Good Hope (cape), SAfr.	46/C7	Gorakhpur, India	22/D2	Gorgān, Iran	21/F2	Gor'kiy (res.), Rus.	15/F2	Gor'kiy (Nizhniy Novgorod), Rus.	15/F2	Gorontalo, Indo.	27/F3	Gorzow Wielkopolski, Pol.	11/H4	Göteborg, Swe.	14/D4	Gotland (isl.), Swe.	14/F4	Göttingen, Ger.	10/G4	Governador Baladares, Braz.	41/K7	Govi Altayn (mts.), Mong.	24/G3	Graham Bell (isl.), Rus.	16/G1	Grampian (mts.), Sc, UK	10/C2	Granada, Sp.	12/C4	Gran Altiplanicie Central (plat.), Arg.	42/C6	Gran Bajo Oriental (val.), Arg.	42/C6	Gran Canaria (isl.), Sp.	44/B2	Gran Chaco (reg.), SAM.	42/D2	Grand Bahama (isl.), Bahm.	36/E2	Grande (riv.), Bol.	40/F7	Grande (riv.), Braz.	41/J7	Grande (riv.), Braz.	41/K6	Grand Erg Occidental (des.), Alg.	44/E1	Grand Erg Oriental (des.), Alg., Tun.	44/G1	Grande, Rio (riv.), NAM.	34/G6	Grand Rapids, Mi, US	35/J3	Grasse, Fr.	12/E3	Graz, Aus.	13/G2	Great Abaco (isl.), Bahm.	36/E2	Great Australian (bight), Austl.	29/B4	Great Barrier (reef), Austl.	29/D2	Great Basin (basin), US	34/C4	Great Bear (lake), Can.	33/E3	Great Britain (isl.), UK	10/D2	Great Dividing (range), Austl.	29/D4	Greater Antilles (isls.), NAM.	36/D2	Greater Sunda (isls.), Indo.	26/C4	Great Falls, Mt, US	34/D2	Great Indian (Thar) (des.), India	22/B2	Great Karoo (reg.), SAfr.	46/D7	Great Plains (plain), US	34/F2	Great Rift (val.), Afr.	46/F2	Great Salt (lake), Ut, US	34/D3	Great Sandy (des.), Austl.	29/B2	Great Slave (lake), NW, Can.	33/F3	Great Victoria (des.), Austl.	29/B3	Great Wall, China	25/K3	Greece	13/J4	Green Bay, Wi, US	35/L3	Greenland (sea)	33/R2	Greenland, Den.	
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Jerusalem (cap.), Isr.	25/Q4
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Jhelum, Pak.	21/K2
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Jiaozuo, China	25/K4
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Jilin, China	25/N3
Jinan, China	25/L4
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Jinhua, China	25/L6
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Kochi, Japan	25/P5
Kodiak (isl.), Ak, US	33/B4
Kökshe-tau, Kaz.	16/G4
Kola (pen.), Rus.	16/D3
Kolhāpur, India	22/B4
Kolkata (Calcutta), India	22/E3
Köln (Cologne), Ger.	10/F4
Kolomna, Rus.	15/E2
Kolpino, Rus.	15/D2
Kolwezi, D.R. Congo	46/E3
Kolyma (range), Rus.	17/R3
Komárno, Slvk.	11/J5
Komodo (isl.), Indo.	27/E5
Komoé (riv.), C.d'Iv.	44/E6

Komsomolets (isl.), Rus.	17/L1
Komsomol'sk-na-Amure, Rus.	17/M1
Kondūz, Afg.	21/J1
Konstanz, Viet.	10/G5
Kon Tum, Viet.	23/J5
Konya, Turk.	15/D6
Koper, Slov.	13/G2
Kopeysk, Rus.	16/G4
Korea (bay), China, NKor.	25/M4
Korea (str.), Japan, SKor.	25/N5
Korea, North	33/K3
Korea, South	25/P4
Korla, China	24/E3
Koror (cap.), Palau	30/C4
Koryak (range), Rus.	17/T5
Kosciusko (mt.), Austl.	29/D4
Košice, Slvk.	11/K4
Kosovo (reg.), Yugo.	13/J3
Kostroma, Rus.	15/F2
Koszalin, Pol.	11/J3
Kota, India	22/C2
Kota Baharu, Malay.	26/B2
Kota Kinabalu, Malay.	27/E2
Kotte, SriL.	22/C6
Kourou, FrG.	41/H2
Kovrov, Rus.	15/F2
Kowloon, China	25/K7
Kra (isth.), Thai.	23/G6
Krakatau (isl.), Indon.	26/C5
Kraków, Pol.	11/J4
Kramators'k, Ukr.	15/E4
Krasnodar, Rus.	15/E4
Krasnoyarsk, Rus.	16/K4
Kremenchuk, Ukr.	15/D4
Kremenchuk's'ke (res.), Ukr.	15/D4
Kristiansand, Nor.	14/C4
Krung Thep (Bangkok), Thai.	23/H5
Kryvyi Rih, Ukr.	15/D4
Kuala Lumpur (cap.), Malay.	26/B3
Kuantan, Malay.	26/B3
Kuching, Malay.	26/D3
Kuma (riv.), Rus.	15/G5
Kumamoto, Japan	25/P5
Kumanovo, FYROM	13/J3
Kumasi, Gha.	44/E6
Kuningan, Indo.	26/C5
Kunlun (mts.), Asia	24/C4
Kunming, China	23/H3
Kupang, Indo.	27/F6
Kura (riv.), Asia	15/G6
Kurdistan (reg.), Asia	20/D1
Kurdzhal, Bul.	13/K3
Kurgan, Rus.	16/G4
Kuril (isls.), Rus.	17/Q5
Kurnool, India	22/C4
Kursk, Rus.	15/E3
Kurume, Japan	25/P5
Kushiro, Japan	25/R3
K'ut'aisi, Geo.	15/F5
Kutch (gulf), India	22/A3
Kuwait	20/E3
Kuwait (cap.), Kuw.	20/E3
Kuybyshev (res.), Rus.	15/G2
Kuybyshev (Samara), Rus.	15/H3
Kwangju, SKor.	25/N4
Kwango (riv.), Ang., D.R. Congo	46/C1
Kyoga (lake), Ugan.	46/N7
Kyoto, Japan	25/Q4
Kyrgyzstan	17/H5
Kyushu (isl.), Japan	25/P5
Kyzyl, Rus.	24/F1

Lübeck, Ger.	10/G3	Marajó (isl.), Braz.	41/H4	Minneapolis, Mn, US	35/H2	Nagasaki, Japan	25/N5	Nipigon (lake), On, Can	35/J2	Olympus (mt.), Gre.	13/J3
Lublin, Pol.	11/K4	Marañón (riv.), Peru	40/C4	Minnesota (state), US	35/G2	Nagercoil, India	22/C6	Niś, Yugo.	13/J3	Omaha, Ne, US	35/G3
Lubumbashi, D.R. Congo	46/E3	Marbella, Sp.	12/B4	Minorca (Menorca) (isl.), Sp.	12/E3	Nagoya, Japan	25/O4	Niteroi, Braz.	41/K8	Oman	21/G4
Lucerne (Luzern), Swi.	12/F2	Mardān, Pak.	21/K2	Minsk (cap.), Bela.	11/L3	Nagpur, India	22/C3	Niue, NZ	31/J7	Oman (gulf), Asia	21/G4
Lucknow, India	22/D2	Mar del Plata, Arg.	42/E4	Miri, Malay.	26/D3	Naha, Japan	25/N6	Nizhnevartovsk, Rus.	16/H3	Omdurman, Sudan	45/M4
Ludhiana, India	21/L2	Margherita (peak), D.R. Congo	45/L7	Mirpur, Pak.	21/L1	Nairobi (cap.), Kenya	45/M8	Nizhniy Novgorod, Rus.	15/F2	Omsk, Rus.	16/H4
Lugano, Swi.	13/F2	Maribor, Slov.	13/G2	Miskolc, Hun.	13/J1	Najafābād, Iran	20/F2	Nizhniy Tagil, Rus.	16/G4	Onega (lake), Rus.	9/H2
Lugo, Sp.	12/B3	Marie Byrd Land (reg.), Ant.	38/S	Misrātah, Libya	44/J1	Nakhon Si Thammarat, Thai.	23/H6	N'Kongsamba, Camr.	44/G7	Onitsha, Nga.	44/G6
Luhans'k, Ukr.	15/E4	Marilia, Braz.	41/H8	Mississippi (riv.), US	35/H4	Nalchik, Rus.	15/F5	Noginsk, Rus.	15/E2	Ontario (prov.), Can.	37/J4
Luleå, Swe.	14/G2	Maringá, Braz.	41/H8	Mississippi (state), US	35/H5	Namangan, Uzb.	24/B3	Nordkapp (cape), Nor.	14/H1	Ontario (lake), Nam.	35/L3
Lüneburg, Ger.	10/G3	Mariupol', Ukr.	15/E4	Missouri (riv.), US	34/E2	Nam Dinh, Viet.	23/J3	Norfolk, Va, US	35/L4	Oostende, Belg.	10/E4
Luoyang, China	25/K5	Marmara (sea), Turk.	15/C5	Missouri (state), US	35/H4	Namib (des.), Namb.	46/B5	Norfolk I. (terr.), Austl.	30/F7	Opole, Pol.	11/J4
Lusaka (cap.), Zam.	46/E4	Marne (riv.), Fr.	12/E1	Misti, El (mt.), Peru	40/D7	Namibia	46/C5	Noril'sk, Rus.	16/J3	Oradea, Rom.	13/J2
Luton, Eng, UK	10/D4	Maroni (riv.), Braz.	41/H3	Mitumbu (mts.), D.R. Congo	45/L8	Nampa, Id, US	34/C3	Normandy (reg.), Fr.	12/C1	Oran, Alg.	44/E1
Luts'k, Ukr.	15/C3	Marquesas (isls.), FrPol.	31/M5	Mito, Japan	25/R4	Namp'o, NKOR	25/N4	Norrköping, Swe.	14/F4	Orange (riv.), Afr.	46/C6
Luxembourg	10/F4	Marrakech, Mor.	44/D1	Mitre (pen.), Arg.	42/C7	Namur, Belg.	10/F4	Norte (mts.), Braz.	40/G6	Orange, Austl.	29/D4
Luxembourg (cap.), Lux.	10/F4	Marseille, Fr.	12/E3	Mitumba (mts.), D.R. Congo	46/E2	Nanchang, China	25/L6	North (sea), Eur.	10/E2	Orange (cape), Braz.	41/H3
Luxor, Egypt	20/B3	Marshall Islands	30/G3	Miyazaki, Japan	25/P5	Nanchong, China	24/J5	North (isl.), NZ	29/H6	Orange (mts.), Sur.	41/G3
Luzon (isl.), Phil.	31/S9	Martapura, Indo.	26/D4	Mobile, Al, US	35/J5	Nancy, Fr.	12/E1	North America	29	Ordos (des.), China	24/J4
Lviv, Ukr.	15/B4	Martin, Slvk.	11/J4	Modena, It.	13/F2	Nanjing (Nanking), China	25/L5	Northampton, Eng, UK	10/D3	Ordu, Turk.	15/E5
Lyne (bay), Eng, UK	10/D4	Martinique, Fr.	36/F3	Mogadishu (cap.), Som.	45/O7	Nanning, China	24/J7	North Carolina (state), US	35/L4	Örebro, Swe.	14/E4
Lyon, Fr.	12/E2	Mary, Trkm.	16/G6	Moinkum (des.), Kaz.	24/B3	Nanping, China	25/L6	North Dakota (state), US	34/F2	Oregon (state), US	34/B3
Lysychans'k, Ukr.	15/E4	Maryland (state), US	35/L4	Mojave (des.), Ca, US	34/C5	Nantes, Fr.	12/C2	Northern Ireland, UK	10/C3	Orel, Rus.	15/E3
M											
Maas (riv.), Neth.	10/F4	Masan, SKor.	25/N4	Moldova	11/M5	Nantong, China	25/M5	Northern Marianas (isls.), PacUS	30/D3	Orenburg, Rus.	16/F4
Maastricht, Neth.	10/F4	Masbate (isl.), Phil.	31/S10	Moldoveanu (peak), Eur.	13/K2	Nanyang, China	25/K5	Northern Sporades (isls.), Gre.	13/J4	Orense, Sp.	12/B3
Maca (mtn.), Chile	42/B6	Maseru (cap.), Les.	46/E6	Molokai (isl.), Hi, US	34/S9	Naples, It.	13/G3	North Frisian (isls.), Eur.	10/F3	Oriental, Cordillera (mts.), SAM.	40/C5
Macapa, Braz.	41/H3	Mashhad, Iran	20/G1	Molucca (sea), Indo.	27/G4	Nārāyanganj, Bang.	22/F3	North Korea	25/N3	Orinoco (riv.), SAM.	40/F2
Macau, China	25/K7	Massachusetts (state), US	35/M3	Moluccas (isls.), Indo.	27/G3	Narmada (riv.), India	22/C3	North Magnetic Pole, Can.	33/G2	Orinoco (delta), Ven.	40/F2
Macedonia, Former Yugoslav Republic of	13/J3	Matadi, D.R. Congo	46/B2	Mombasa, Kenya	46/G1	Nashville (cap.), Tn, US	35/J4	North Platte (riv.), US	34/E3	Orkney (isls.), Sc, UK	10/D2
Maceió, Braz.	41/L5	Matamoros, Mex.	36/C2	Monaco	12/E3	Nassau (cap.), Bahm.	36/E2	North Pole	38/A	Orléans, Fr.	12/D2
Machala, Ecu.	40/B4	Matanzas, Cuba	36/D2	Mongolia	24/G2	Nasser (lake), Egypt	45/M3	North Saskatchewan (riv.), Can.	37/F4	Orsk, Rus.	16/F4
Machu Picchu (ruins), Peru	40/D6	Mataram, Indo.	27/E5	Monrovia (cap.), Libr.	44/C6	Natal, Braz.	41/L5	North Siberia Lowland (plain), Rus.	16/K2	Orumiyah (Urmia), Iran	20/E1
Mackenzie (riv.), NW, Can.	33/E3	Mata Utu (cap.), Wall.	30/H6	Mons, Belg.	10/E4	Natuna (isls.), Indo.	26/C3	Northwest Territories (terr.), Can.	37/F3	Osaka, Japan	25/O5
Mâcon, Fr.	12/E2	Mato Grosso (plat.), Braz.	41/G6	Montana (state), US	34/D2	Nauru	30/F5	Norway	14/C3	Osasco, Braz.	41/J8
Macon, Ga, US	35/K5	Matsuyama, Japan	25/P5	Montecristo (isl.), It.	13/F3	Navarino (isl.), Chile	42/C7	Norwegian (sea), Eur.	9/D2	Osh, Kyr.	24/B3
Macquarie (riv.), Austl.	29/D4	Matterhorn (mt.), Eur.	12/E2	Montenegro (rep.), Yugo.	13/H3	Nawabshāh, Pak.	21/J3	Norwich, Eng, UK	10/E3	Oshogbo, Nga.	44/F6
Madagascar	46/K10	Maturin, Ven.	40/F2	Monteria, Col.	40/C2	Nawoiy, Uzb.	16/G5	Nottingham, Eng, UK	10/D3	Osijek, Cro.	13/H2
Madeira (riv.), Braz.	40/F5	Mauritania	44/C4	Monterrey, Mex.	36/B2	Naxçıvan, Azer.	15/F6	Novakchott (cap.), Mrta.	44/B4	Öskemen, Kaz.	16/J5
Madeira (isls.), Port.	44/B1	Mauritius	7/M7	Montes Claros, Braz.	41/K7	Názos (isl.), Gre.	13/K4	Nouméa (cap.), NCal.	30/F7	Oslo (cap.), Nor.	14/D3
Madison (cap.), Wi, US	35/J3	Maykop, Rus.	15/F5	Montevideo (cap.), Uru.	42/E3	Nazareth, Isr.	20/C2	Nova Friburgo, Braz.	41/K8	Osmaniye, Turk.	15/E6
Madison, Indo.	26/D5	Mayer, Fr.	7/M6	Montgomery (cap.), Al, US	35/J5	N'djamena (cap.), Chad	44/J5	Nova Iguaçu, Braz.	41/K8	Osnabrück, Ger.	10/G3
Madre Occidental, Sierra (range), Mex.	36/B2	Mazar-i-Sharif, Afg.	21/J1	Montpelier (cap.), Vt, US	35/M3	Ndola, Zam.	46/E3	Nova Scotia (prov.), Can.	37/L5	Osorno, Chile	42/B5
Madre Oriental, Sierra (range), Mex.	36/B2	Mazatlán, Mex.	36/B2	Montpellier, Fr.	12/D3	Nebitdag, Trkm.	16/F6	Novata, It.	12/F2	Ostrava, Czh.	11/J4
Madrid (cap.), Sp.	12/C3	Mazyr, Bela.	11/M3	Montréal, Qu, Can.	37/K5	Nebraska (state), US	34/F3	Novaya Sibir' (isl.), Rus.	17/R2	Otranto (str.), Eur.	13/H3
Madura (isl.), Indo.	26/D5	Mbabane (cap.), Swaz.	46/F6	Montserrat, UK	36/F3	Neckar (riv.), Ger.	10/G4	Novaya Zemlya (isls.), Rus.	16/E2	Ottawa (cap.), Can.	37/K5
Madurai, India	22/C4	Mbandaka, D.R. Congo	45/J7	Montserrat, UK	36/F3	Neftekamsk, Rus.	15/H2	Nove Zámky, Slvk.	11/J5	Ottawa (riv.), Can.	37/K5
Magadan, Rus.	17/R6	Mbeya, Tanz.	46/F2	Monza, It.	13/F2	Negro (riv.), Arg.	42/D5	Novgorod, Rus.	15/D2	Ouarane (reg.), Mrta.	44/C3
Magdalen (isls.), Qu, Can.	35/P2	Mbui-Mayi, D.R. Congo	46/D2	Moorea (isl.), FrPol.	31/K6	Negro (riv.), Braz.	40/F4	Novi Sad, Yugo.	13/H2	Oujda, Mor.	44/E1
Magdeburg, Ger.	10/G3	McDonald (isls.), Austl.	7/N8	Moose Jaw, Sk, Can.	37/G4	Negro (riv.), Uru.	42/E3	Novocherkassk, Rus.	15/F4	Outer Hebrides (isls.), Sc, UK	10/B2
Magellan (str.), SAM.	42/B7	McKinley (mt.), Ak, US	33/B3	Moradabad, India	22/C1	Negros (isl.), Phil.	31/S11	Novo Hamburgo, Braz.	42/F2	Oviedo, Sp.	12/B3
Magnitogorsk, Rus.	16/F4	M'Clintock (chan.), Can.	33/G2	Morava (riv.), Yugo.	13/J3	Nei Monggol (plat.), China	25/K3	Novokubyshevsk, Rus.	15/G3	Oxford, Eng, UK	10/D3
Mahilyow, Bela.	11/M3	Mearim (riv.), Braz.	41/J5	Moray (firth), Sc, UK	10/D2	Neiva, Col.	40/C3	Novokuznetsk, Rus.	16/J4	Ozarks (mts.), US	35/H4
Maiduguri, Nga.	44/H5	Mecca, Sar.	20/C4	Morelia, Mex.	36/B3	Nelson (riv.), Mb, Can.	33/H4	Novorossiysk, Rus.	15/E5	Ozernoy (cape), Rus.	17/S4
Main (riv.), Ger.	10/G4	Medan, Indo.	26/A3	Morena, Sierra (range), Sp.	12/B4	Nepal	22/D2	Novosibirsk, Rus.	16/J4	P	
Maine (state), US	35/N2	Medellín, Col.	40/C2	Morioka, Japan	25/R4	Ness (lake), Sc, UK	10/C2	Nueva Laredo, Mex.	36/C2	Pacacás Novas (mts.), Braz.	40/F6
Mainz, Ger.	10/G4	Medina, SAR.	20/C4	Moro (gulf), Phil.	31/S12	Netherlands	10/F3	Nuku'alofa (cap.), Tonga	31/H7	Pacaraima (mts.), Braz.	40/F3
Majorca (isl.), Sp.	12/E4	Mediterranean (sea)	7/K4	Morocco	44/C1	Netherlands Antilles (isls.), Neth.	36/F3	Nukus, Uzb.	16/F5	Pacific (ocean)	6/B4
Majuro (cap.), Mrsh.	30/G4	Meerut, India	22/C2	Morón, Arg.	42/E3	Neubrandenburg, Ger.	11/H3	Nürnberg, Ger.	10/G4	Padang, Indo.	26/B4
Makassar (str.), Indo.	27/E4	Mekong (riv.), Asia	23/J5	Morotai (str.), Indo.	27/G3	Neuchatel, Swi.	12/E2	Nunavut (terr.), Can.	37/G3	Padang, Indo.	26/B4
Makhachkala, Rus.	15/G5	Mekong, Mouths of the (riv.), Viet.	23/J6	Mortes (riv.), Braz.	41/H6	Neuquén (riv.), Arg.	42/C4	Nuuk (cap.), Grl.	33/M3	Paderborn, Ger.	10/G3
Makiyivka, Ukr.	15/E4	Melaka (Malacca), Malay.	26/B3	Moscow (cap.), Rus.	15/E2	Nevada (state), US	34/C4	Nyíregyháza, Hun.	13/J2	Padoa (Padua), It.	13/F2
Malabar (coast), India	22/B5	Melanesia (reg.), Pacific	30/E5	Mosel (riv.), Ger.	10/F4	Nevada, Sierra (mts.), US	34/B4	Oahu (isl.), Hi, US	34/S9	Pago Pago (cap.), ASam.	31/H6
Malabo (cap.), EqG	44/G7	Melbourne, Austl.	29/D4	Moselle (riv.), Fr.	12/E1	Newark, NJ, US	35/M3	Oakland, Ca, US	34/B4	Pakanbaru, Indo.	26/B3
Malacca (str.), Asia	26/A3	Melilla, Sp.	12/C5	Mossoró, Braz.	41/L5	New Britain (isl.), PNG	30/D5	Oaxaca, Mex.	36/C3	Pakistan	21/H3
Málaga, Sp.	12/B4	Melitopol', Ukr.	15/E4	Most, Czh.	11/H4	New Brunswick (prov.), Can.	37/L5	Ob' (gulf), Rus.	16/H3	Pakxe, Laos	23/J4
Malang, Indo.	26/D5	Melville (isl.), Can.	33/F2	Mostaganem, Alg.	44/E1	New Caledonia, Fr.	30/F6	Ob' (riv.), Rus.	16/G3	Palangkaraya, Indo.	26/D4
Malatya, Turk.	15/E6	Memmingen, Ger.	10/G5	Mostar, Bosn.	13/H3	Newcastle, Austl.	29/E4	Obi (isls.), Indo.	27/G4	Palawan (isl.), Phil.	31/R11
Malawi	46/F3	Moulmein, Myanmar	23/G4	Mosul, Iraq	20/D1	Newcastle upon Tyne, Eng, UK	10/D3	Obihiro, Japan	25/R3	Palembang, Indo.	26/B4
Malay (pen.), Asia	26/B2	Mendoza, Arg.	42/C3	Motherwell, Sc, UK	10/D3	New Delhi (cap.), India	22/C2	Obninsk, Rus.	15/E2	Palermo, It.	13/G4
Malaya (reg.), Malay.	26/B3	Mergui (arch.), Myanmar	23/G5	Motherwell, Sc, UK	10/D3	Newfoundland (prov.), Can.	37/M5	Occidental, Cordillera (mts.), SAM.	40/C3	Palikir (cap.), Micr.	30/E4
Malayer, Iran	20/E2	Mérida, Mex.	36/D2	Mozambique	46/G4	Newfoundland (isl.), Nf, Can.	37/M5	Oceania	26	Palma (riv.), Braz.	41/J6
Malaysia	26/C2	Mérida, Sp.	12/B4	Mozambique (chan.), Afr.	7/L7	New Georgia (isl.), Sol.	30/E5	October Revolution (isl.), Rus.	17/L2	Palma de Mallorca, Sp.	12/D4
Maldives	19/G9	Mérida, Ven.	40/D2	Muchinga (mts.), Zam.	46/F3	New Guinea (isl.), Pacific	30/C5	Odense, Den.	14/D5	Palmira, Col.	40/C3
Male (cap.), Mald.	19/G9	Mérida, Ven.	40/D2	Mudanjiang, China	25/N3	New Hampshire (state), US	35/M3	Oder (Odra) (riv.), Eur.	11/H3	Palm Springs, Ca, US	34/C5
Mali	44/E4	Mérida, Ven.	40/D2	Mufulira, Zam.	46/E3	New Hanover (isl.), PNG	30/D5	Odesa, Ukr.	15/D4	Palmyna (atoll), PacUS	31/J4
Malmö, Swe.	14/E5	Mérida, Ven.	40/D2	Mukacheve, Ukr.	11/K4	New Haven, Ct, US	35/M3	Odessa, Tx, US	34/F5	Pamangkat, Indo.	26/C3
Malta	13/G5	Mérida, Ven.	40/D2	Mulde (riv.), Ger.	11/H4	New Hebrides (isls.), Van.	30/F6	Offenburg, Ger.	10/F4	Pamir (plat.), Asia	24/B4
Manado, Indo.	27/F3	Mérida, Ven.	40/D2	Mulhacén (mt.), Sp.	12/C4	New Ireland (isl.), PNG	30/E5	Ogooué (riv.), Gabon	44/G8	Pampas (reg.), Arg.	42/D4
Managua (cap.), Nic.	36/D3	Mérida, Ven.	40/D2	Mulhouse, Fr.	12/E2	New Jersey (state), US	35/M3	Ohio (riv.), US	35/K4	Pamplona, Sp.	12/C3
Manama (cap.), Bahr.	20/F3	Mérida, Ven.	40/D2	Multan, Pak.	20/K2	New Mexico (state), US	34/E5	Ohio (state), US	31/S11	Pānaji, India	22/B4
Manaus, Braz.	40/F4	Mérida, Ven.	40/D2	Mumbai (Bombay), India	22/B4	New Orleans, La, US	35/J6	Oise (riv.), Fr.	12/D1	Panama	36/D4
Manchester, Eng, UK	10/D4	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Newport, Wal, UK	10/D4	Oita, Japan	25/P5	Panama (can.), Pan.	36/D3
Manchuria (reg.), China	25/M3	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	New Providence (isl.), Bahm.	36/E2	Okara, Pak.	15/F2	Panamá (cap.), Pan.	36/E4
Mandalay, Myanmar	23/G3	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	New South Wales (state), Austl.	29/D4	Okayama, Japan	25/P5	Panama (gulf), Pan.	36/E4
Mandeb, Bab el (str.), Afr., Asia	45/P5	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	New York (state), US	35/L3	Okeechobee (lake), Fl, US	35/K6	Panay (isl.), Phil.	31/S11
Mangalore, India	22/B5	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	New York, NY, US	35/L3	Okhotsk (sea), Rus.	17/Q4	Pančevo, Yugo.	13/J2
Manila (cap.), Phil.	31/S10	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	New Zealand	29/H6	Okinawa (isl.), Japan	25/N6	Panevėžys, Lith.	11/L3
Manisa, Turk.	15/C6	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Neyshābūr, Iran	21/G1	Oklahoma (state), US	35/G4	Pangkalpinang, Indo.	26/C4
Man, Isle of (isl.), UK	10/C3	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Ngabang, Indo.	26/D3	Oklahoma City (cap.), Ok, US	35/G4	Pantelleria (isl.), It.	13/G4
Manitoba (prov.), Can.	37/H4	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nha Trang, Viet.	23/J5	Olānd (isl.), Swe.	14/F4	Pápa, Hun.	13/H2
Manizales, Col.	40/C2	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Niagara Falls, NY, US	35/L3	Olbia, It.	13/F3	Papeete (cap.), FrPol.	31/L6
Mannheim, Ger.	10/G4	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Niaméy (cap.), Niger	44/F5	Oldenburg, Ger.	10/G3	Papua New Guinea	30/D5
Manta, Ecu.	40/B4	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nicaragua	36/D3	Olenek (riv.), Rus.	17/N2	Paraguacu (riv.), Braz.	41/L6
Mantiqueira (mts.), Braz.	41/K8	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nice, Fr.	12/E3	Olinda, Braz.	41/M5	Paraguay (riv.), SAM.	42/E1
Mantova, It.	13/F2	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nicobar (isls.), India	23/F6	Olomouc, Czh.	11/J4	Paraíba do Sul (riv.), Braz.	41/K8
Manú (riv.), Peru	40/D6	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nicosia (cap.), Cyp.	20/B1	Olsztyn, Pol.	11/K3	Paramaribo (cap.), Sur.	41/G2
Manukau, NZ	29/H6	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nieuw-Nickerie, Sur.	41/G2	Olympia (cap.), Wa, US	34/B2	Paraná, Arg.	42/D3
Maoke (mts.), Indo.	27/J4	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Niger	44/G6			Paraná (riv.), SAM.	41/H8
Maoming, China	25/K7	Mérida, Ven.	40/D2	Munich (München), Ger.	10/G4	Nigeria	44/G6			Paranaíba (riv.), Braz.	41/J7
Maputo (cap.), Moz.	46/F6	Mérida, Ven.	40/D2								

Parepare, Indo.	27/E4	Pol-e-Khomri, Afg.	21/J1	Qui Nhon, Viet.	23/J5	Rybinsk, Rus.	15/E2	San Salvador (Watling)	25/K4	Shijiazhuang, China	25/K4
Paria (gulf)	40/F1	Poltava, Ukr.	15/D4	Quito (cap.), Ecu.	40/C4	Rybinsk (res.), Rus.	15/E2	(isl.), Bahm.	36/E2	Shikoku (isl.), Japan	25/P5
Parima (mts.), Braz.	40/F3	Polynesia (reg.), Pacific	30/G6	Quzhou, China	25/L6	Ryukyu (isls.), Japan	30/B2	San Salvador de Jujuy, Arg.	42/C1	Shillong, India	23/F2
Paris (cap.), Fr.	12/D1	Pomeranian (bay), Eur.	11/H3	Qyzylördä, Kaz.	16/G5	Rzeszów, Pol.	11/K4	San Sebastián, Sp.	12/C3	Shimizu, Japan	25/O4
Parma, It.	13/F2	Pondicherry, India	22/C5					Santa Ana, ESAL	36/D3	Shiraz, Iran	20/F3
Parnaíba, Braz.	41/K4	Ponta Grossa, Braz.	42/F2					Santa Barbara, Ca,US	34/C5	Shishou, China	25/K6
Parnaíba (riv.), Braz.	41/K4	Pontianak, Indo.	26/C4					Santa Clara, Cuba	36/D2	Shiyan, China	25/K5
Parnassós (Parnassus)		Poópó (lake), Bol.	40/E7					Santa Cruz, Bol.	40/F7	Shizuoshan, China	25/J4
(mt.), Gre.	13/J3	Popayán, Col.	40/C3					Santa Cruz (isls.), Sol.	44/B2	Shkodër, Alb.	13/H3
Pärnu, Est.	11/L2	Port-au-Prince (cap.), Haiti	36/F3					Santa Cruz de Tenerife, Sp.	44/B2	Sholapur, India	22/C4
Páros (isl.), Gre.	13/K3	Port Blair, India	23/F5					Santa Fe, Arg.	42/D3	Shreveport, La,US	35/H5
Parry (chan.), Can.	33/F2	Port Elizabeth, SAfr.	46/E7					Santa Fe (cap.), NM,US	34/E4	Shuangyashan, China	25/P2
Passau, Ger.	11/H4	Port Harcourt, Nga.	44/G7					Santa Maria, Braz.	42/F2	Shubrā al Khaymah, Egypt	20/B2
Passo Fundo, Arg.	42/F2	Portland, Me,US	35/M3					Santa Marta, Col.	40/D1	Shumen, Bul.	13/K3
Pasto, Col.	40/C3	Portland, Or,US	34/B2					Santander, Sp.	12/C3	Shymkent, Kaz.	16/G5
Patagonia (reg.), Arg.	42/B6	Port Louis (cap.), Mrts.	7/M6					Santarém, Braz.	41/H4	Sialkot, Pak.	21/K2
Pathankot, India	21/L2	Portmaio, Port.	12/A4					Santiago (cap.), Chile	42/B3	Siauliai, Lith.	11/K3
Patiala, India	21/L2	Port Moresby (cap.), PNG	30/D5					Santiago de Compostela, Sp.	12/A3	Siberia (reg.), Rus.	16/K3
Patna, India	22/E2	Porto Alegre, Braz.	42/F3					Santiago de Cuba, Cuba	36/E3	Sibiu, Rom.	13/K2
Patos, Braz.	41/L5	Port-of-Spain (cap.), Trin.	36/F6					Santiago del Estero, Arg.	42/D2	Sibuyan (sea), Phil.	31/S10
Patos (lake), Braz.	42/F3	Porto Novo (cap.), Ben.	44/F6					Santo Andre, Braz.	42/G1	Sicily (isl.), It.	13/G4
Pátraí, Gre.	13/J3	Porto (Oporto), Port.	12/A3					Santo Domingo (cap.), DRep.	36/F3	Sidi Bel-Abbes, Alg.	44/E1
Paulo Afonso, Braz.	41/L5	Porto Velho, Braz.	40/F5					Santo Domingo de		Sidra (gulf), Libya	44/K1
Pavlodar, Kaz.	16/H4	Port Said, Egypt	20/B2					los Colorados, Ecu.	40/B3	Siegen, Ger.	10/G4
Pay-Khoy (mts.), Rus.	16/G3	Portsmouth, Eng,UK	10/D4					Santos, Braz.	42/G1	Sierra Leone	44/C6
Peace (riv.), Can.	33/F4	Port Sudan, Sudan	45/N4					São Carlos, Braz.	41/J8	Sierra Nevada (mts.), US	34/B4
Peć, Yugo.	13/J3	Portugal	12/A4					São Francisco (isl.), Braz.	42/G2	Sikhote-Alin' (mts.), Rus.	25/O2
Pechora (riv.), Rus.	9/K2	Port-Vila (cap.), Van.	30/F6					São Francisco (riv.), Braz.	41/L5	Sikkim (state), India	22/E2
Pécs, Hun.	13/H2	Posadas, Arg.	42/E2					São João (mts.), Braz.	40/F5	Silesia (reg.), Pol.	11/H4
Pegu, Myanmar	23/G4	Potosí, Bol.	40/E7					São João del Rei, Braz.	41/K8	Siliguri, India	22/E2
Peipus (lake), Eur.	15/C2	Potsdam, Ger.	11/H3					São José do Rio Preto, Braz.	41/J8	Simen (mts.), Eth.	45/N5
Pekalongan, Indo.	26/C5	Poznań, Pol.	11/J3					São José dos Campos, Braz.	41/J8	Simferopol', Ukr.	15/D5
Peloponnisos (reg.), Gre.	13/J4	Prague (Praha) (cap.), Czh.	11/H4					São Lourenço (riv.), Braz.	41/G7	Simpson (des.), Austl.	29/C3
Pelotas, Braz.	42/F3	Prato, It.	13/F2					São Luis, Braz.	41/K4	Sinai (pen.), Egypt	20/B3
Pelotas (riv.), Braz.	42/F2	Praya, Indo.	27/E5					São Marcos (bay), Braz.	41/K4	Singapore	26/B3
Pematangsiantar, Indo.	26/A3	Presidente Prudente, Braz.	41/H8					Saône (riv.), Fr.	12/E2	Singapore (cap.), Sing.	26/B3
Pemba (isl.), Tanz.	46/G2	Prešov, Slvk.	11/J4					São Paulo, Braz.	42/G1	Singawang, Indo.	26/C3
Penas (gulf), Chile	42/A6	Prespa (lake), Eur.	13/J3					São Roque (cape), Braz.	41/M5	Sioux City, Ia,US	35/G3
Penghu (isls.), Tai.	25/L7	Preston, Eng,UK	10/D3					São Tomé (cape), Braz.	41/K8	Sioux Falls, SD,US	35/G3
Pennine Chain (range),		Pretoria (cap.), SAfr.	46/E6					São Tomé (cap.), SaoT.	44/G7	Siracusa (Syracuse), It.	13/G4
Eng,UK	10/D3	Prijedor, Bosn.	13/H2					São Tomé and Príncipe	44/F7	Sitakunda, Bang.	23/F3
Pennsylvania (state), US	35/L3	Prikaspiian (plain), Kaz., Rus.	15/G4					São Vincent (cape), Port.	12/A4	Sitka, Ak,US	33/D4
Penza, Rus.	15/G3	Prince Edward Island						Sapporo, Japan	25/R3	Sivas, Turk.	15/E6
Peoria, Il,US	35/J3	(prov.), Can.	37/L5					Sargodha, Pak.	21/K2	Siwalik (range), India, Nepal	22/D2
Pereira, Col.	40/C3	Prince of Wales (isl.), Can.	33/G2					Sari, Iran	20/F1	Skikda, Alg.	45/G1
Pérgueux, Fr.	12/D2	Prince Patrick (isl.), NW,Can	33/E2					Sasebo, Japan	25/N5	Skiope (cap.), FYROM	13/J3
Perija (mts.), Col., Ven.	40/D2	Princess Charlotte						Saskatchewan (prov.), Can.	37/G4	Skye (isl.), Sc,UK	10/C2
Perim (isl.), Yem.	20/D6	(bay), Austl.	29/D2					Saskatchewan (riv.), Can.	37/G4	Slavonski Brod, Cro.	13/H2
Perm', Rus.	15/J2	Pripyat' (riv.), Eur.	11/M4					Saskatoon, Sk,Can	37/G4	Sligo, Ire.	10/B3
Perpignan, Fr.	12/D3	Pristina, Yugo.	13/J3					Sassari, It.	12/F3	Sliven, Bul.	13/K3
Persian (gulf), Asia	20/E3	Prizren, Yugo.	13/J3					Sargodha, Pak.	21/K2	Slovakia	11/J4
Perth, Austl.	29/A4	Probolinggo, Indo.	26/D5					Sari, Iran	20/F1	Slovenia	13/G2
Perth, Sc,UK	10/D2	Prokop'yevsk, Rus.	19/H4					Sasebo, Japan	25/N5	Slovakia	11/J4
Peru	40/C5	Prome, Myanmar	23/C4					Saskatchewan (prov.), Can.	37/G4	Slovakia	11/J4
Perugia, It.	13/G3	Provence (reg.), Fr.	12/E2					Saskatchewan (riv.), Can.	37/G4	Slovenia	13/G2
Pescara, It.	13/G3	Providence (cap.), RI,US	35/M3					Saskatoon, Sk,Can	37/G4	Slovakia	11/J4
Peshawar, Pak.	21/K2	Providencia (isl.), Col.	36/D3					Sassari, It.	12/F3	Slovakia	11/J4
Petare, Ven.	40/E1	Prudhoe (bay), Ak,US	33/C2					Satu Mare, Rom.	13/J2	Slovakia	11/J4
Peterborough, Eng,UK	10/D3	Prut (riv.), Eur.	13/K2					Saudi Arabia	20/D4	Slovakia	11/J4
Petra (isls.), Rus.	17/M2	Pskov, Rus.	15/C2					Sault Ste. Marie, On,Can	37/J5	Slovakia	11/J4
Petropavl, Kaz.	16/G4	Puebla, Mex.	36/C3					Sava (riv.), Eur.	13/H2	Slovakia	11/J4
Petropavlovsk-Kamchatskiy,		Puerto La Cruz, Ven.	40/F1					Savai'i (isl.), Sam.	31/H6	Slovakia	11/J4
Rus.	17/R4	Puerto Montt, Chile	42/B5					Savannah, Ga,US	35/K5	Slovakia	11/J4
Petrópolis, Braz.	41/K8	Puerto Rico, US	36/F3					Savannakhet, Laos	23/H4	Slovakia	11/J4
Petrozavodsk, Rus.	9/H2	Puerto Vallarta, Mex.	36/B2					Save (riv.), Moz.	46/F5	Slovakia	11/J4
Phanom Dongrak (mts.),		Pukapuka (atoll), Cook Is.	31/J6					Savona, It.	12/F2	Slovakia	11/J4
Camb., Thai.	23/H5	Puna (isl.), Ecu.	40/B4					Savu (sea), Indo.	27/F5	Slovakia	11/J4
Philadelphia, Pa,US	35/M4	Pune (Poona), India	40/B4					Sawhāj, Egypt	45/M2	Slovakia	11/J4
Philippine (sea), Phil.	30/B3	Punjab (plain), Pak.	21/K2					Scarborough, Eng,UK	10/D3	Slovakia	11/J4
Philippines	31/T10	Punta Arenas, Chile	42/B7					Schaffhausen, Swi.	13/F2	Slovakia	11/J4
Phnom Penh (cap.), Camb.	23/H5	Puracé (vol.), Col.	40/C3					Schaffhausen, Swi.	13/F2	Slovakia	11/J4
Phoenix (isls.), Kiri.	31/H5	Purus (riv.), SAM.	40/F4					Schneifurt, Ger.	10/G4	Slovakia	11/J4
Phoenix (cap.), Az,US	34/D5	Purwokerto, Indo.	26/C5					Schwerin, Ger.	10/G3	Slovakia	11/J4
Piacenza, It.	13/F2	Pusan, SKor.	25/N4					Scilly (isls.), Eng,UK	10/C4	Slovakia	11/J4
Picardy (reg.), Fr.	12/D1	Pushkin, Rus.	11/M2					Scotia (sea), Ant.	38/W	Slovakia	11/J4
Pierre (cap.), SD,US	34/F3	Putumayo (riv.), Col., Peru	40/D4					Scotland, UK	10/C2	Slovakia	11/J4
Pietermaritzburg, SAfr.	46/F6	Pyatigorsk, Rus.	15/F5					Scottsdale, Az,US	34/D5	Slovakia	11/J4
Pilcomayo (riv.), SAM.	42/D1	P'yongyang (cap.), NKor.	25/N4					Scutari (lake), Eur.	13/H3	Slovakia	11/J4
Pilsen (Plzeň), Czh.	11/H4	Pyrenees (mts.), Eur.	12/C3					Seattle, Wa,US	34/B2	Slovakia	11/J4
Pinar del Río, Cuba	36/D2							Segovia, Sp.	12/B3	Slovakia	11/J4
Pindaré (riv.), Braz.	41/J4							Seine (riv.), Fr.	12/D1	Slovakia	11/J4
Pindus (mts.), Gre.	13/J3							Sekondi, Gha.	44/E7	Slovakia	11/J4
Pingdingshan, China	25/K5							Samarang, Indo.	26/D5	Slovakia	11/J4
Pingtung, Tai.	25/M7							Semey, Kaz.	16/J4	Slovakia	11/J4
Pingxiang, China	23/J3							Senegal	44/B5	Slovakia	11/J4
Pingyang, China	25/M4							Senegal (riv.), Afr.	44/B4	Slovakia	11/J4
Pinsk, Bela.	11/L3							Séoul (cap.), SKor.	25/N4	Slovakia	11/J4
Piombino, It.	13/F3							Serengeti (plain), Tanz.	46/F1	Slovakia	11/J4
Piracicaba, Braz.	41/J8							Serov, Rus.	16/G4	Slovakia	11/J4
Piraiés, Gre.	13/J4							Serpukhov, Rus.	15/E3	Slovakia	11/J4
Pisa, It.	13/F3							Sétif, Alg.	44/G1	Slovakia	11/J4
Pissis (mntn.), Arg.	42/C2							Setubal, Port.	12/A4	Slovakia	11/J4
Pitcairn Islands, UK	31/N7							Setubal (bay), Port.	12/A4	Slovakia	11/J4
Pitcairn (isl.), UK	31/N7							Sevastopol', Ukr.	15/E5	Slovakia	11/J4
Pitești, Rom.	13/K2							Severnaya Zemlya (isls.), Rus.	13/J2	Slovakia	11/J4
Pittsburgh, Pa,US	35/L3							Severodvinsk, Rus.	9/H2	Slovakia	11/J4
Piura, Peru	40/B5							Seville, Sp.	12/B4	Slovakia	11/J4
Pivdeny Buh (riv.), Ukr.	15/C4							Seychelles	7/M6	Slovakia	11/J4
Plata, Rio de la (est.), SAM.	42/E3							Seyhan (riv.), Turk.	15/E6	Slovakia	11/J4
Platte (riv.), Ne,US	35/G3							's Gravenhage (The Hague)		Slovakia	11/J4
Pleiku, Viet.	23/J5							(cap.), Neth.	10/F3	Slovakia	11/J4
Plėven, Bulg.	13/K3							Shahjahanpur, India	22/C2	Slovakia	11/J4
Plock, Pol.	11/J3							Shanghai, China	25/M5	Slovakia	11/J4
Ploiești, Rom.	13/K2							Shangrao, China	25/L6	Slovakia	11/J4
Plovdiv, Bulg.	13/K3							Shannon (riv.), Ire.	10/B3	Slovakia	11/J4
Plymouth, Eng,UK	10/C4							Shaoguan, China	25/K7	Slovakia	11/J4
Plzeň (Pilsen), Czh.	11/H4							Shaoxing, China	25/M6	Slovakia	11/J4
Po (riv.), It.	13/F2							Shaoyang, China	34/B2	Slovakia	11/J4
Podol'sk, Rus.	15/E2							Sheffield, Eng,UK	10/D3	Slovakia	11/J4
P'ohang, SKor.	25/N4							Shekhupura, Pak.	21/K2	Slovakia	11/J4
Pohnpei (isl.), Micr.	30/E4							Shelkhor (gulf), Rus.	17/R3	Slovakia	11/J4
Pointe-Noire, Congo	46/B1							Shenyang (Mukden), China	25/M3	Slovakia	11/J4
Poland	11/J3							's Hertogenbosch, Neth.	10/F3	Slovakia	11/J4
Polatsk, Bela.	11/M3							Shetland (isls.), Sc,UK	10/D1	Slovakia	11/J4
								Shihei, China	24/E3	Slovakia	11/J4

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Tabatinga (mts.), Braz.	41/K6
Tabora, Tanz.	46/F2
Tabriz, Iran	15/G6
Tabuaeran (Fanning) (isl.), Kiri.	31/K4
Taibū, SAR.	20/C3
Tacoma, Wa,US	34/B2
Taegu, SKor.	25/N4
Taejōn, SKor.	25/N4
Taganrog, Rus.	15/E4
Taguatinga, Braz.	41/J7
Tagus (riv.), Eur.	12/B4
Tahiti (isl.), FrPol.	31/K6
Tai'an, China	25/L4
Taichung, Tai.	25/M7
Tainan, Tai.	25/M7
Taipei (cap.), Tai.	25/M6
Taiping, Malay.	26/B3
Taiwan (Rep. of China)	25/M7
Taiwan (str.), China, Tai.	25/L1
Taiyuan, China	25/K4
Ta'izz, Yem.	20/D6
Tajikistan	16/H6
Tajri sh, Iran	20/F1
Takapuna, NZ	29/H6
Takla Makan (des.), China	24/D4
Takoradi, Gha.	44/E6
Taland (isls.), Indo.	27/G3
Talca, Chile	42/B4
Talcahuano, Chile	42/B4
Tallahassee (cap.), Fl,US	35/K5
Tallinn (cap.), Est.	11/L2
Tāloqān, Afg.	21/J1
Tamale, Gha.	44/E6
Tambov, Rus.	15/F3
Tampa, Fl,US	35/K6
Tampere, Fin.	14/G3
Tampico, Mex.	36/C2
Tana (lake), Eth.	45/N5
Tanami (des.), Austl.	29/C2
Tandil, Arg.	42/E4
Tanqa, Tanz.	46/G3

Tanganyika (lake), Afr.	46/F2
Tangier, Mor.	44/D1
Tangshan, China	25/L4
Taninbar (isls.), Indo.	27/H5
Tanjungkarang, Indo.	26/C5
Tanzania	46/F2
Tapajós (riv.), Braz.	41/G4
Taquari (riv.), Braz.	41/G7
Tarabulus (Tripoli), Leb.	20/C2
Tarakan, Indo.	27/E3
Taranto, It.	13/H3
Tarawa (atoll), Kiri.	30/G
Tarawa (cap.), Kiri.	30/G
Tarbagatay (mts.), Kaz.	24/D2
Tarim (basin), China	24/D4
Tarim (riv.), China	24/D3
Taritatu (riv.), Indo.	27/J4
Tarnów, Pol.	11/K4
Tarragona, Sp.	12/D3
Tarsus, Turk.	15/D6
Tartu, Est.	11/L2
Tashkent (cap.), Uzb.	16/G5
Tasikmalaya, Indo.	26/C5
Tasman (bay), NZ	29/H7
Tasman (sea), Pacific	30/E8
Tasmania (state), Austl.	29/D5
Tatar (str.), Rus.	25/Q2
Taubaté, Braz.	41/J8
Taunggyi, Myanmar	23/G3
Taunton, Eng, UK	10/D4
Taurus (mts.), Turk.	15/D6
Taymyr (isl.), Rus.	17/L2
Taymyr (pen.), Rus.	16/K2
Taz (riv.), Rus.	16/J3
T'bilisi (cap.), Geo.	15/F5
Tébessa, Alg.	44/G1
Tegal, Indo.	26/C5
Tegucigalpa (cap.), Hon.	36/D3
Tehran (cap.), Iran	20/F1
Tehuantepec (gulf), Mex.	36/C3
Tehuantepec (isth.), Mex.	36/C3
Tejo (Tagus) (riv.), Port.	12/B4
Tel Aviv-Yafo, Isr.	20/B2
Tempe, Az, US	34/D5
Temuco, Chile	42/B4
Tenerife (isl.), Sp.	44/B2
Tennessee (riv.), US	35/J5
Tennessee (state), US	35/J4
Tepic, Mex.	36/B2
Teresina, Braz.	41/K5
Ternate, Indo.	26/G3
Terni, It.	13/G3
Ternopil', Ukr.	15/C4
Terrassa, Sp.	12/D3
Tétouan, Mor.	44/D1
Texas (state), US	34/F5
Thailand	23/H4
Thailand (gulf), Asia	23/H5
Thai Nguyen, Viet.	23/J3
Thana, India	22/B4
Thanjavur, India	22/C5
Thar (Great Indian) (des.), India	22/B2
Thásos (isl.), Gre.	13/K3
Thebes (ruins), Egypt	45/M2
Thermaic (gulf), Gre.	13/J3
Thessaloniki, Gre.	13/J3
Thies, Sen.	44/B3

Thira (isl.), Gre.	13/K4
Thracian (sea), Gre.	13/K3
Thunder Bay, On, Can.	37/J5
Tianjin, China	25/L4
Tian Shan (mts.), Asia	24/C3
Tianshui, China	24/J5
Tiaret, Alg.	44/F1
Tiber (riv.), It.	12/G3
Tiberias, Isr.	20/C2
Tibet (reg.), China	24/E5
Tierra del Fuego (isl.), SAm.	42/C7
Tietê (riv.), Braz.	41/J8
Tighina, Mol.	11/M5
Tigris (riv.), Asia	20/E2
Tijuana, Mex.	36/A1
Tilburg, Neth.	10/F4
Timaru, NZ	29/H7
Timbuktu (Tombouctou), Mali	44/E4
Timișoara, Rom.	13/J2
Timor (isl.), Indo.	27/F5
Timor (sea), Indo.	27/G5
Tinian (isl.), NMar.	30/D3
Tinos (isl.), Gre.	13/K4
Tiracambu (mts.), Braz.	41/J4
Tiranë (Tirana) (cap.), Alb.	13/H3
Tiraspol, Mol.	11/M5
Tirgoviște, Rom.	13/K2
Tirgu Mureș, Rom.	13/K2
Tiruchchirappalli, India	22/C5
Tisza (riv.), Hun.	13/J2
Titicaca (lake), SAm.	40/E6
Titograd, Yugo.	13/H3
Tlemcen, Alg.	44/E1
Toamasina (Tamatave), Madg.	46/K10
Tobago (isl.), Trin.	36/F3
Tobol'sk, Rus.	16/G4
Tobruk, Libya	45/K1
Tocantins (riv.), Braz.	41/J4
Togo	44/F6
Tokushima, Japan	25/P5
Tokyo (cap.), Japan	25/Q4
Tolbukhin, Bul.	13/K3
Toledo, Sp.	12/C4
Toledo, Oh US	35/K4

Tol'yatti, Rus.	15/G3
Tomakomai, Japan	25/R3
Tombouctou (Timbuktu), Mali	44/E4
Tomini (gulf), Indo.	27/F4
Tomsk, Rus.	16/J4
Tondano, Indo.	27/G3
Tonga	31/H7
Tongchuan, China	24/J4
Tonkin (gulf), Asia	23/J4
Tonle Sap (lake), Camb.	23/H5
Toowoomba, Austl.	29/E3
Topeka (cap.), Ks,US	35/G4
Torbay, Eng,UK	10/D4
Torghay, Kaz.	16/G5
Torino (Turin), It.	12/E2
Toronto (cap.), On,Can	37/K5
Torre del Greco, It.	13/G3
Torrens (lake), Austl.	29/C4
Torreón, Mex.	36/B3
Tórshavn, Far.	9/D1
Toulon, Fr.	12/E2
Toulouse, Fr.	12/D3
Tours, Fr.	12/D2
Townsville, Austl.	29/D2
Trabzon, Turk.	15/E5
Tralee, Ire.	10/B3
Trangan (isl.), Indo.	27/H5
Transylvania (reg.), Rom.	13/J2
Transylvanian Alps (mts.), Rom.	13/J2
Trencin, Slvk.	11/J4
Trent (riv.), Eng,UK	10/D3
Trento, It.	13/F2
Trenton (cap.), NJ,US	35/M3
Trier, Ger.	10/F4
Trieste, It.	13/G2
Triglav (mt.), Slov.	13/G2
Trinidad (isl.), Arg.	42/D4
Trinidad (isl.), Trin.	40/F2
Trinidad and Tobago	36/F3
Tripoli (cap.), Libya	44/H1
Tripolitania (reg.), Libya	44/H1
Tripoli (Tarabulus), Leb.	20/C2
Tristan da Cunha (isl.), StH.	6/J7
Trivandrum, India	22/C6
Trnava, Slvk.	11/J4
Trombetas (riv.), Braz.	41/G3
Tronador (mtn.), Arg.	42/B5
Trondheim, Nor.	14/D3
Trujillo, Peru	40/C5
Truk (isls.), Micr.	30/E4
Tuamotu (arch.), FrPol.	31/L6
Tübingen, Ger.	10/G4
Tucson, Az,US	34/D5
Tucuruí (res.), Braz.	41/H4
Tula, Rus.	15/E3
Tulsa, Ok,US	31/G4
Tunis (cap.), Tun.	44/H1
Tunis (gulf), Tun.	13/F4
Tunisia	44/G1
Tura, Rus.	17/L3
Turin, It.	12/E2
Turkana (lake), Afr.	45/N7
Turkey	15/D6
Türkistan, Kaz.	16/G5
Turkmenistan	16/F6
Turks and Caicos Islands, UK	36/E2
Turku, Fin.	14/G3
Tuscano (arch.), Eur.	13/F3
Tuscany (reg.), It.	11/F3
Tuticorin, India	22/C6
Tutuila (isl.), ASam.	31/H6
Tuvalu	30/G5
Tuxtla Gutiérrez, Mex.	36/C3
Tuz (lake), Turk.	15/D6
Tuzla, Bosn.	13/H2
Tver', Rus.	15/E2
Tychy, Pol.	11/J4
Tyre (Sur), Leb.	20/C2
Tyrrhenian (sea), It.	13/F4
Tyumen, Rus.	16/G4
U	
Uaupés (riv.), Braz.	40/E3
Ubangi (riv.), Afr.	45/J7
Uberaba, Braz.	41/J7
Überlândia, Braz.	41/J7
Ucayali (riv.), Peru	40/D5
Udaipur, India	22/B3
Udine, It.	13/G2
Ufa, Rus.	16/F4
Uganda	45/M7
Ujjain, India	22/C3
Ujung Pandang (Makassar), Indo.	27/E5
Ukraine	15/C2
Ulaanbaatar (cap.), Mong.	24/J4
Ulan-Ude, Rus.	17/L4
Ulm, Ger.	10/G4
Ulsan, SKor.	25/N4
Ulster (reg.), Ire.	10/C3
Ul'yanovsk, Rus.	15/G3
Umeå, Swe.	14/G3
Ungava (pen.), Qu,Can	33/K3
United Arab Emirates	20/F4
United Kingdom	10/C3
United States	33/G5
Uppsala, Swe.	14/F4
Ur (ruins), Iraq	20/E2
Ural (riv.), Asia	16/F5
Ural (mts.), Rus.	16/F5

Ural'sk, Kaz.	15/H3
Urfa, Turk.	15/E6
Urganch, Uzb.	16/F5
Uroševac, Yugo.	13/J3
Uruçui (mts.), Braz.	41/K5
Uruçuaia (riv.), Braz.	41/J7
Uruguay	42/E2
Uruguay (riv.), SAM.	42/E3
Ürümqi (Urumchi), China	24/E3
Urup (isl.), Rus.	17/R5
Uşak, Turk.	15/C6
Ussuri, (riv.), Asia	17/P5
Ust'-Il'msk, Rus.	17/L4
Usti nad Labem, Czh.	11/H4
Ustyurt (plat.), Kaz., Uzb.	16/F5
Utah (state), US	34/D4
Utrecht, Neth.	10/F3
Utsunomiya, Japan	25/Q4
Uzbekistan	16/G
Uzhgorod, Ukr.	11/K
V	
Vaal (riv.), SAfr.	46/D6
Vaasa, Fin.	14/G3
Vaduz (cap.), Lcht.	13/F2
Valdés (pen.), Arg.	42/D5
Valdivia, Chile	42/B4
Valencia, Sp.	12/C4
Valencia (gulf), Sp.	12/D4
Valencia, Ven.	40/E1
Valera, Ven.	40/D2
Valladolid, Sp.	12/B3
Valledupar, Col.	40/D1
Valletta (cap.), Malta	13/G5
Valparaíso, Chile	42/B3
Van, Turk.	15/F6
Vanadzor, Arm.	15/F5
Vancouver, BC, Can	37/E5
Vancouver (isl.), BC, Can	37/E5
Vänern (lake), Swe.	14/E4
Vantaa, Fin.	14/H3
Vanua Levu (isl.), Fiji	30/G6
Vanuatu	30/F6
Varanasi, India	22/D2
Varna, Bul.	13/K3
Västerås, Swe.	14/F4
Vatican City	13/G3
Vättern (lake), Swe.	14/E4
Velhas (riv.), Braz.	41/K7
Velikiye Luki, Rus.	15/D2
Vellore, India	22/C5
Venezia (gulf), It.	13/G2
Venezuela	40/E2
Venezuela (gulf), SAM.	40/D2
Venice (Venezia), It.	13/G2
Ventspils, Lat.	11/K2
Veracruz, Mex.	36/C3
Verde (riv.), Braz.	41/H7
Verde (cape), Sen.	44/B5
Verdun-sur-Meuse, Fr.	12/E1
Verkhoyansk, Rus.	17/P3
Verkhoyansk (range), Rus.	17/N3
Vermont (state), US	35/M3
Véroia, Gre.	13/J3
Verona, It.	13/F2
Versailles, Fr.	12/D1
Vesuvius (vol.), It.	13/G3
Vicenza, It.	13/F2
Vichada (riv.), Col.	40/D3
Vichy, Fr.	12/D2
Victoria (lake), Afr.	7/L6
Victoria (state), Austl.	29/D4
Victoria (cap.), BC, Can	37/E5
Victoria (isl.), NW, Can	33/F2
Victoria, China	25/K7
Vidin, Bul.	13/J3
Vienna (cap.), Aus.	13/H1
Vienne (riv.), Fr.	12/E2
Vientiane (cap.), Laos	23/H4
Vietnam	23/J5
Vigo, Sp.	12/A3
Vijayawada, India	22/D4
Vif'kitsosa (str.), Rus.	17/L2
Villahermosa, Mex.	36/C3
Villavicencio, Col.	40/D3
Vilnius (cap.), Lith.	11/L3
Viña del Mar, Chile	42/B3
Vinh, Viet.	23/J4
Vinnytsya, Ukr.	15/C4
Vinson Massif (mt.), Ant.	38/U
Virginia (state), US	35/L4
Virgin Is., UK	36/F3
Virgin Is., US	36/F3
Visakhapatnam, India	22/D4
Vistula (riv.), Pol.	11/K4
Viti Levu (isl.), Fiji	30/G6
Vitória, Braz.	41/K8
Vitoria, Sp.	12/C3
Vitória da Conquista, Braz.	41/K6
Vitsyevsk, Bela.	11/M3
Vladikavkaz, Rus.	15/F5
Vladimir, Rus.	15/F2
Vladivostok, Rus.	25/P3
Vlissingen, Neth.	10/E4
Vltava (riv.), Czh.	11/H4
Vohimena (cape), Madg.	46/K12
Volcano (isls.), Japan	30/C2
Volga (riv.), Rus.	15/G4
Volgograd, Rus.	15/F4
Vologda, Rus.	15/F2
Volta (lake), Gha.	41/E6
Volta Redonda, Braz.	41/K6

Volyno-Podol'sk (upland), Ukr.	11/L4
Volzhskiy, Rus.	15/F4
Vorkuta, Rus.	16/G3
Voronezh, Rus.	15/E3
Vosges (mts.), Fr.	12/E2
Vung Tau, Viet.	23/J5
Vyatka (riv.), Rus.	15/H2
Vyatka, Rus.	15/G2
W	
Wabē Shebelē Wenz (riv.), Eth.	45/P6
Waddenzee (sound), Neth.	10/F3
Wad Medani, Sudan	45/M5
Wāh, Pak.	21/K2
Waigeo (isl.), Indo.	27/H3
Waitemata, NZ	29/H1
Wakayama, Japan	25/Q1
Wake (isl.), PacUS	30/F5
Walbrzych, Pol.	11/J4
Wales, UK	10/C3
Wallis & Futuna (terr.), Fr.	30/G6
Walvis Bay (Walvisbaai), Namb.	46/B5
Wanxian, China	24/J5
Warangal, India	22/C4
Warrego (range), Austl.	29/D3
Warsaw (cap.), Pol.	11/K3
Warta (riv.), Pol.	11/H3
Washington (state), US	34/B2
Washington (mt.), NH, US	35/M3
Washington, D.C. (cap.), US	35/L4
Wash, The (bay), Eng, UK	10/E3
Waterford, Ire.	10/C3
Watford, Eng, UK	10/D4
Wāw, Sudan	45/L5
Weddell (sea), Ant.	38/X
Weifang, China	25/L4
Wellington (isl.), Chile	42/A6
Wellington (cap.), NZ	29/H7
Wenzhou, China	34/D2
Weser (riv.), Ger.	10/G3
West Bank	20/C2
Western (des.), Egypt	45/L2
Western Australia (state), Austl.	29/B3
Western Dvina (riv.), Eur.	11/L3
Western Ghats (mts.), India	22/B4
Western Sahara	44/B3
West Falkland (isl.), Falk.	42/D7
West Indies (isls.), NAM.	36/D3
West Palm Beach, Fl, US	35/K6
West Siberian (plain), Rus.	16/H3
West Virginia (state), US	35/K4
Wetar (isl.), Indo.	27/G5
Wetar (str.), Indo.	27/G5
Wexford, Ire.	10/C3
White (sea), Rus.	9/H2
Whitehorse, Can	33/D3
White Nile (riv.), Afr.	45/M5
White Volta (riv.), Burk., Gha.	44/E5
Whitney (mt.), Ca, US	34/C4
Wichita, Ks, US	35/G4
Wien (Vienna), Aus.	13/H1
Wiesbaden, Ger.	10/G4
Wight (isl.), Eng, UK	10/D4
Wilczek (isl.), Rus.	16/G1
Wilhelmina (mts.), Sur.	41/G3
Wilhelm-Pieck-Stadt (Guben), Ger.	11/H3
Wilhelmshaven, Ger.	10/G3
Wilkes Land (reg.), Ant.	38/J
Willemstad (cap.), NAnt.	36/F3
Wilmington, De, US	15/L4
Winchester, Eng, UK	10/D4
Windhoek (cap.), Namb.	46/C5
Windward (passg.), Cuba, Haiti	36/E3
Winnipeg (cap.), Mb, Can	37/H5
Winnipeg (lake), Mb, Can	37/H4
Winnipegosis (lake), Mb, Can	37/G4
Winston-Salem, NC, US	35/K4
Winterthur, Swi.	13/F2
Wisconsin (state), US	35/H3
Wismar, Ger.	10/G3
Wittenberg, Ger.	11/H4
Włocławek, Pol.	11/J3
Wolfsburg, Ger.	10/G3
Wollaston (isl.), Chile	42/C7
Wollongong, Austl.	29/E4
Wolverhampton, Eng, UK	10/D3
Wonsan, NKor.	33/K4
Woods, Lake of the (lake), NAM.	35/G2
Worcester, Eng, UK	10/D4
Worcester, Ma, US	35/M3
World	2
Worms, Ger.	10/G4
Wrangel (isl.), Rus.	17/T2
Wrexham, Wal, UK	10/D3
Wrocław, Pol.	11/J4
Wuhan, China	25/K5
Wuppertal, Ger.	10/F4
Würzburg, Ger.	10/G4
Wuxi, China	25/M5
Wyoming (state), US	34/E3
X	
Xankāndi, Azer.	15/G6
Xavantes (mts.), Braz.	41/J3

Xiaguan, China	23/G2
Xiamen, China	25/L7
Xiangtan, China	25/K5
Xiangtan, China	25/K6
Xi'an, China	24/J5
Xianyang, China	24/J5
Xiao Hinggang (mts.), China	25/N2
Xichang, China	23/H2
Xifeng, China	24/J4
Xingu (riv.), Braz.	41/H4
Xining Shi, China	24/H4
Xinji, China	25/L4
Xinjiang (reg.), China	24/D3
Xinxiang, China	25/K4
Xinyu, China	25/L6
Y	
Ya'an, China	24/H
Yablonovyy (range), Rus.	24/J
Yakutia (reg.), Rus.	17/N3
Yakutsk, Rus.	17/N3
Yalta, Ukr.	15/D5
Yamagata, Japan	25/R4
Yamal (pen.), Rus.	16/G2
Yamousoukro (cap.), C.d'Iv.	44/D6
Yamuna (riv.), India	22/D2
Yamunanagar, India	21/L2
Yanggu, SKor.	25/N4
Yangon (cap.), Myanmar	25/K4
Yangquan, China	28/G4
Yangtze (Chang) (riv.), China	25/L6
Yantai, China	25/M4
Yaoundé (cap.), Camr.	44/H7
Yap (isl.), Micr.	30/C4
Yaroslavl', Rus.	15/E2
Yasawa Group (isls.), Fiji	30/G6
Yazd, Iran	21/F2
Yekaterinburg, Rus.	16/G4
Yelets, Rus.	15/E3
Yellow (sea), Asia	25/M5
Yellowknife, Can.	33/F3
Yellowstone (riv.), US	34/E2
Yemen	20/E5
Yenisey (riv.), Rus.	16/J3
Yerevan (cap.), Arm.	15/F5
Yichang, China	25/K5
Yichun, China	25/N2
Yin (mts.), China	24/J3
Yinchuan, China	24/J4
Yingcheng, China	24/K5
Yining, China	24/D3
Yogyakarta, Indo.	26/D5
Yokohama, Japan	25/Q4
York (cape), Austl.	29/D4
York, Eng. UK	10/D3
Yorubaland (plat.), Nga.	44/F6
Yoshkar-Ola, Rus.	15/G2
Ysyk-köl (lake), Kyr.	24/C3
Yucatan (chan.), Cuba, Mex.	36/D2
Yucatan (pen.), Mex.	36/D2
Yuci, China	25/K4
Yueyang, China	25/K6
Yugoslavia	13/J3
Yukon (riv.), NAM.	33/B3
Yukon Territory (terr.), Can.	37/D3
Yuma, Az. US	34/D5
Yumen, China	24/G4
Yuyao, China	25/M5
Z	
Zabrze, Pol.	11/J4
Zacatecas, Mex.	36/B2
Zadar, Cro.	13/G2
Zagreb (cap.), Cro.	13/H
Zagros (mts.), Iran	20/E1
Zāhedān, Iran	21/H3
Zambezi (riv.), Afr.	46/F4
Zambia	46/F3
Zamboanga, Phil.	31/S12
Zamora, Sp.	12/B3
Zanjān, Iran	20/E1
Zanzibar, Tanz.	46/G2
Zanzibar (isl.), Tanz.	46/G2
Zaozhuang, China	25/L5
Zaporizhzhya, Ukr.	15/E4
Zaragoza (Saragossa), Sp.	12/C3
Zaria, Nga.	44/G5
Zenica, Bosn.	13/H2
Zhambyl, Kaz.	16/H5
Zhangjiakou, China	25/K3
Zhangzhou, China	25/L7
Zhaotong, China	23/H2
Zhengzhou, China	25/K5
Zhenjiang, China	25/L5
Zhezqazghan, Kaz.	16/G5
Zhuzhou, China	25/K6
Zhytomyr, Ukr.	15/C3
Zibo, China	25/L4
Zielona Góra, Pol.	11/H4
Zigong, China	23/H2
Zimbabwe	46/E4
Zixing, China	25/K6
Zlin, Czh.	11/J4
Zonguldak, Turk.	15/D5
Zrenjanin, Yugo.	13/J2
Zug, Swi.	12/F2
Zügspitze (mt.), Eur.	10/G5
Zürich, Swi.	12/F2
Zwickau, Ger.	11/H4
Zwolle, Neth.	10/F4

PRINCIPAL MOUNTAINS

	Height in: Feet	Meters		Height in: Feet	Meters		Height in: Feet	Meters
Everest, Nepal-China	29,028	8,848	Pissis, Argentina	22,241	6,779	Margherita (Ruwenzori), Africa	16,795	5,119
K2 (Godwin Austen), Pakistan-China	28,250	8,611	Mercedario, Argentina	22,211	6,770	Kazbek, Georgia-Russia	16,558	5,047
Kanchenjunga, Nepal-India	28,208	8,598	Huascarán, Peru	22,205	6,768	Puncak Jaya, Indonesia	16,503	5,030
Lhotse, Nepal-China	27,923	8,511	Llullaillaco, Chile-Argentina	22,057	6,723	Blanc, France	15,771	4,807
Makalu, Nepal-China	27,789	8,470	Nevada Ancohuma, Bolivia	21,489	6,550	Klyuchevskaya Sopka, Russia	15,584	4,750
Dhaulagiri, Nepal	26,810	8,172	Chimborazo, Ecuador	20,561	6,267	Fairweather, Br. Col., Canada	15,300	4,663
Nanga Parbat, Pakistan	26,660	8,126	McKinley, Alaska	20,320	6,194	Dufourspitze (Mte. Rosa), Italy-Switz.	15,203	4,634
Annapurna, Nepal	26,504	8,078	Logan, Yukon, Canada	19,524	5,951	Ras Dashen, Ethiopia	15,157	4,620
Nanda Devi, India	25,645	7,817	Cotopaxi, Ecuador	19,347	5,897	Matterhorn, Switzerland	14,691	4,478
Rakaposhi, Pakistan	25,550	7,788	Kilimanjaro, Tanzania	19,340	5,895	Whitney, California, U.S.A.	14,494	4,418
Kongur Shan, China	25,325	7,719	El Misti, Peru	19,101	5,822	Elbert, Colorado, U.S.A.	14,433	4,399
Tirich Mir, Pakistan	25,230	7,690	Pico Cristóbal Colón, Colombia	18,947	5,775	Rainier, Washington, U.S.A.	14,410	4,392
Gongga Shan, China	24,790	7,556	Huila, Colombia	18,865	5,750	Shasta, California, U.S.A.	14,162	4,317
Ismail Samani Peak, Tajikistan	24,590	7,495	Citlaltépetl (Orizaba), Mexico	18,700	5,700	Pikes Peak, Colorado, U.S.A.	14,110	4,301
Pobedy Peak, Kyrgyzstan	24,406	7,439	Damavand, Iran	18,605	5,671	Finsteraarhorn, Switzerland	14,022	4,274
Chomo Lhari, Bhutan-China	23,997	7,314	El'brus, Russia	18,510	5,642	Mauna Kea, Hawaii, U.S.A.	13,796	4,205
Muztag, China	23,891	7,282	St. Elias, Alaska, U.S.A.-Yukon, Canada	18,008	5,489	Mauna Loa, Hawaii, U.S.A.	13,677	4,169
Cerro Aconcagua, Argentina	22,831	6,959	Dykh-tau, Russia	17,070	5,203	Jungfrau, Switzerland	13,642	4,158
Ojos del Salado, Chile-Argentina	22,572	6,880	Batian (Kenya), Kenya	17,058	5,199	Grossglockner, Austria	12,457	3,797
Bonete, Chile-Argentina	22,546	6,872	Ararat, Turkey	16,946	5,165	Fujiyama, Japan	12,389	3,776
Tupungato, Chile-Argentina	22,310	6,800	Vinson Massif, Antarctica	16,864	5,140	Cook, New Zealand	12,349	3,764

LONGEST RIVERS

	Length in: Miles	Kms.		Length in: Miles	Kms.		Length in: Miles	Kms.
Nile, Africa	4,145	6,671	Rio Grande, Mexico-U.S.A.	1,885	3,034	Ohio-Allegheny, U.S.A.	1,306	2,102
Amazon, S. America	4,007	6,448	Syrdar'ya-Naryn, Asia	1,859	2,992	Kama, Russia	1,252	2,031
Mississippi-Missouri-Red Rock, U.S.A.	3,710	5,971	São Francisco, Brazil	1,811	2,914	Don, Russia	1,222	1,967
Chang Jiang (Yangtze), China	3,500	5,633	Indus, Asia	1,800	2,897	Red, U.S.A.	1,222	1,966
Ob'-Irtys, Russia-Kazakhstan	3,362	5,411	Danube, Europe	1,775	2,857	Columbia, U.S.A.-Canada	1,214	1,953
Yenisey-Angara, Russia	3,100	4,989	Brahmaputra, Asia	1,760	2,832	Tigris, Asia	1,181	1,901
Huang He (Yellow), China	2,950	4,747	Salween, Asia	1,675	2,696	Darling, Australia	1,160	1,867
Congo (Zaire), Africa	2,780	4,474	Euphrates, Asia	1,650	2,655	Angara, Russia	1,135	1,827
Amur-Shilka-Onon, Asia	2,744	4,416	Tocantins, Brazil	1,677	2,699	Sungari, Asia	1,130	1,819
Lena, Russia	2,734	4,400	Xi (Si), China	1,650	2,601	Pechora, Russia	1,124	1,809
Mackenzie-Peace-Finlay, Canada	2,635	4,241	Amu Darya, Asia	1,616	2,601	Snake, U.S.A.	1,038	1,670
Paraná-La Plata, S. America	2,630	4,232	Nelson-Saskatchewan, Canada	1,600	2,575	Churchill, Canada	1,000	1,609
Mekong, Asia	2,610	4,200	Orinoco, S. America	1,600	2,575	Pilcomayo, S. America	1,000	1,609
Niger, Africa	2,580	4,152	Paraguay, S. America	1,584	2,549	Uruguay, S. America	994	1,600
Missouri-Red Rock, U.S.A.	2,564	4,125	Kolyma, Russia	1,562	2,514	Platte-N. Platte, U.S.A.	990	1,593
Yenisey, Russia	2,500	4,028	Ganges, Asia	1,550	2,494	Ohio, U.S.A.	981	1,578
Mississippi, U.S.A.	2,348	3,778	Zhayyq (Ural), Kazakhstan-Russia	1,509	2,428	Magdalena, Colombia	956	1,538
Murray-Darling, Australia	2,310	3,718	Japurá, S. America	1,500	2,414	Pecos, U.S.A.	926	1,490
Volga, Russia	2,290	3,685	Arkansas, U.S.A.	1,450	2,334	Oka, Russia	918	1,477
Madeira, S. America	2,013	3,240	Colorado, U.S.A.-Mexico	1,450	2,334	Canadian, U.S.A.	906	1,458
Purus, S. America	1,995	3,211	Negro, S. America	1,400	2,253	Colorado, Texas, U.S.A.	894	1,439
Yukon, Alaska-Canada	1,979	3,185	Dnipro, Russia-Belarus-Ukraine	1,368	2,202	Dnister (Nistru), Ukraine-Moldova	876	1,410
Zambezi, Africa	1,950	3,138	Orange, Africa	1,350	2,173	Fraser, Canada	850	1,369
São Francisco, Brazil	1,930	3,106	Ayeyarwady, Myanmar	1,325	2,132	Rhine, Europe	820	1,319
St. Lawrence, Canada-U.S.A.	1,900	3,058	Brazos, U.S.A.	1,309	2,107	Northern Dvina, Russia	809	1,302

PRINCIPAL NATURAL LAKES

	Area in: Sq. Miles	Sq. Kms.	Max. Depth in: Feet	Meters		Area in: Sq. Miles	Sq. Kms.	Max. Depth in: Feet	Meters
Caspian Sea, Asia	143,243	370,999	3,264	995	Lake Eyre, Australia *	3,500-0	9,000-0	—	—
Lake Superior, U.S.A.-Canada	31,820	82,414	1,329	405	Lake Titicaca, Peru-Bolivia	3,200	8,288	1,000	305
Lake Victoria, Africa	26,828	69,485	270	82	Lake Nicaragua, Nicaragua	3,100	8,029	230	70
Lake Huron, U.S.A.-Canada	23,010	59,596	748	228	Lake Athabasca, Canada	3,064	7,936	400	122
Lake Michigan, U.S.A.	22,400	58,016	923	281	Reindeer Lake, Canada	2,568	6,651	—	—
Aral Sea, Kazakhstan-Uzbekistan	15,830	41,000	213	65	Lake Turkana (Rudolf), Africa	2,463	6,379	240	73
Lake Tanganyika, Africa	12,650	32,764	4,700	1,433	Ysyk-Köl, Kyrgyzstan	2,425	6,281	2,303	702
Lake Baykal, Russia	12,162	31,500	5,316	1,620	Lake Torrens, Australia	2,230	5,776	—	—
Great Bear Lake, Canada	12,096	31,328	1,356	413	Vänern, Sweden	2,156	5,584	328	100
Lake Nyasa (Malawi), Africa	11,555	29,928	2,320	707	Nettilling Lake, Canada	2,140	5,543	—	—
Great Slave Lake, Canada	11,031	28,570	2,015	614	Lake Winnipegosis, Canada	2,075	5,374	38	12
Lake Erie, U.S.A.-Canada	9,940	25,745	210	64	Lake Albert, Africa	2,075	5,374	160	49
Lake Winnipeg, Canada	9,417	24,390	60	18	Kariba Lake, Zambia-Zimbabwe	2,050	5,310	295	90
Lake Ontario, U.S.A.-Canada	7,540	19,529	775	244	Lake Nipigon, Canada	1,872	4,848	540	165
Lake Balkhash, Kazakhstan	7,081	18,340	87	27	Lake Mweru, Africa	1,800	4,662	60	18
Lake Chad, Africa *	7,000	18,130	25	8	Lake Manitoba, Canada	1,799	4,659	12	4
Lake Ladoga, Russia	6,900	17,871	738	225	Lake Taymyr, Russia	1,737	4,499	85	26
Lake Maracaibo, Venezuela	5,120	13,261	100	31	Lake Khanka, China-Russia	1,700	4,403	33	10
Lake Onega, Russia	3,761	9,741	377	115	Lake Kioga, Uganda	1,700	4,403	25	8
					Lake of the Woods, U.S.A.-Canada	1,679	4,349	70	21

* Area and depth figures subject to great seasonal variations.



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